

EXHIBIT 1

SUPPLEMENTAL DECLARATION OF NICHOLAS BRAAK

I, Nicholas Braak, declare as follows:

1. I am a licensed private investigator, and have worked as a computer forensics investigator for more than nine years. I am employed by the Mintz Group LLC (“Mintz”), a corporate research and investigations firm based in New York, with offices in Washington D.C., London, Hong Kong, Beijing, Nairobi, and six other cities throughout the world. I have worked for Mintz since January 2014. During my career in information security and digital forensics, I have participated in hundreds of investigations involving intellectual property rights, cybercrime, Internet forensics, and other matters. I make this declaration as a supplement to my September 11, 2015 declaration, and in further support of Plaintiffs’ motion for default judgment. I have personal knowledge of the facts contained herein and, if called upon as a witness, I could and would testify competently about these facts, except for those matters stated expressly upon information and belief, which matters I believe to be true.

2. Mintz was retained in 2014 by Plaintiffs China Central Television (“CCTV”), China International Communications Co., Ltd. (“CICC”), TVB Holdings (USA), Inc. (“TVB (USA)”) and DISH Network L.L.C. (“DISH”) (collectively “Plaintiffs”) to investigate the TVpad device manufactured by defendant Create New Technology (HK) Limited (“CNT”) and the unlicensed international television programming provided to U.S. consumers through the TVpad device (the “TVpad Service”).

3. I have managed the forensic investigation for this matter and conducted research at the direction of Christopher Weil, the lead investigator. During the course of our investigation, Mintz purchased several TVpad3 and TVpad4 devices. I personally forensically tested each of these TVpad devices and confirmed their consistent functionality among TVpads of the same model. I also personally viewed and caused to be recorded streamed content delivered by these devices and have

1 periodically monitored the continued availability of that streamed content through
2 these devices and the TVpad Service.

3 4. As part of my forensic investigation, I have identified the IP addresses
4 and domain names that the TVpad device and its Infringing TVpad Apps use to
5 function and deliver CCTV and TVB television programming. I have also
6 continually monitored the TVpad devices purchased by Mintz to determine whether
7 the TVpad devices continue to stream CCTV and TVB programming through the
8 applications available in the TVpad Store.

9 5. In my September 11, 2015 declaration, I identified in Exhibit 65 a series
10 of Internet servers by IP addresses and/or domain names that communicate with the
11 TVpad device and the Infringing TVpad Apps and that: (1) authenticate the TVpad
12 device as an authentic TVpad device originating with CNT, which is a necessary
13 precursor for the Infringing TVpad Apps to function; (2) download to the TVpad
14 device the elements of the software it uses, including the “TVpad Store”—from
15 which Infringing TVpad Apps and other apps are made available to users; (3)
16 download Infringing TVpad Apps; and (4) stream CCTV and TVB programming.

17 6. Since compiling the list of information in Exhibit 65 to my September
18 11 declaration, the IP addresses of servers with which the TVpad device and
19 Infringing TVpad Apps communicate continues to change as Defendants take steps
20 to evade Plaintiffs’ efforts to enforce this Court’s preliminary injunction order. I
21 have therefore updated Exhibit 65 to add the most recent servers, IP addresses and
22 domain names that Defendants are now using to stream Plaintiffs’ programs through
23 the TVpad device. A true and correct copy of the updated list is attached hereto as
24 **Exhibit C.**

25 7. Defendants’ speedy adoption of new IP addresses to evade this Court’s
26 preliminary injunction order is the key reason that I recommended in my September
27 11 declaration, and continue to recommend, that the most effective means of
28 stopping the unauthorized streaming of CCTV and TVB television programming

1 through the Infringing TVpad Apps is to order domain name registries and/or
2 registrars that control the domain names used by Defendants to disable, and at
3 Plaintiffs' election transfer, these domain names to the Plaintiffs. There are two
4 primary reasons that disabling and then transferring the domain names to the
5 Plaintiffs will be more effective in halting Defendants' illegal streaming of CCTV
6 and TVB programs than merely shutting down IP addresses. First, IP addresses
7 typically change frequently, whereas domain names are usually a "stickier," more
8 enduring means of locating a particular server. Second, my testing indicates that
9 changing the domain names used by the TVpad may require a manual update by
10 users of the TVpad device. While Defendants can and likely will use new domain
11 names in the place of any disabled domain names, they will not be able to add
12 domain names as quickly as they have added IP addresses because it is simply more
13 cumbersome to add domain names.

14 8. I have also noted on TVpad's websites that in recent days TVpad has
15 instructed TVpad users to redirect their devices to a new Domain Name System
16 (DNS) server located at 8.8.8.8 when their TVpad devices stop working. This
17 process allows TVpad users' devices to more quickly locate servers at new IP
18 addresses that replace servers that have been recently disabled, due to Plaintiffs'
19 enforcement efforts. However, Defendants' advice to users to redirect their devices
20 to a new DNS server will not be effective if the domain names used by Defendants
21 are disabled. For this additional reason, I also continue to recommend that disabling

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23 ///

1 domain names is the most effective means of stopping unauthorized streaming of
2 Plaintiffs' copyrighted television programs by the TVpad Service.

3 I declare under penalty of perjury under the laws of the United States of
4 America that the foregoing is true and correct.

5 Executed this 26th day of October, 2015 in New York, New York.

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7
8 
Nicholas Braak

Exhibit C - TVpad Server IP Addresses and Domain Names

Host	IP address	Date of detection	Domain Name	Function
ClearDDoS Technologies Los Angeles, California	103.240.140.142	September 3, 2015	xz.boxepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.71	September 3, 2015	xzsec.boxepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.65	September 3, 2015	xzsec.padepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.72	September 3, 2015	xzsec.listebox.com	Initialization TVpad3 Operational Content
Perfect International, Inc Los Angeles, California	70.36.96.245	September 3, 2015	stbepg.wsxlist.com	TVpad3 Authentication
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	stbepg.qaxlist.com	TVpad4 Authentication
Defender cloud international Los Angeles, California	23.234.41.173	September 3, 2015		Streaming Video
ClearDDoS Technologies Los Angeles, California	104.193.92.42	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.101	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.39	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.167.81.51	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.188.195	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.26	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.188.194	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.9.243	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.172.19	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.33	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.82	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.181.227	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.182.3	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.4.227	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.18.227	September 3, 2015		Streaming Video

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Host	IP address	Date of detection	Domain Name	Function
CloudDDoS Technologies San Jose, California	104.171.230.74	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.19	September 3, 2015		Streaming Video
ClearDDoS Technologies Los Angeles, California	162.221.13.98	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.89.100.59	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.75	September 3, 2015		Streaming Video
ZeroDDoS Los Angeles, California	104.201.61.3	September 3, 2015		Streaming Video
ZeroDDoS Los Angeles, California	167.88.205.116	September 3, 2015		Streaming Video
Cloudflare	104.20.4.235	September 3, 2015		Streaming Video
Defender cloud international Los Angeles, California	23.234.41.171	September 3, 2015		Streaming Video
Enzu Los Angeles, California	104.202.82.178	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	98.126.0.98	September 3, 2015		Streaming Video
Enzu Los Angeles, California	107.183.113.242	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.245.73.18	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	98.126.4.194	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.89.185.2	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	174.139.162.50	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	174.139.83.4	September 3, 2015		Streaming Video
Enzu Los Angeles, California	107.183.246.226	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.86	September 3, 2015		Streaming Video
Cloudflare (res.sinohao.com .cdn.cloudflare.net)	104.20.4.235 104.20.5.235 104.20.7.235 104.20.8.235	September 3, 2015		TVpad Store Menus/Graphics Infringing Apps
ClearDDoS Technologies Los Angeles, California	104.193.92.29	September 3, 2015	cmsres.wsxlist.com	TVpad Store Menus/ Graphics Infringing Apps
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	bi4.wsxlist.com	TVpad4 Store Menus/Graphics

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Enzu Los Angeles, California	23.245.203.54	September 3, 2015	btvstb.xqlzoy.com	TVpad4 Store Menus/Graphics
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	stbepg.qaxlist.com	TVpad4 Store Menus/Graphics
ZeroDDoS Los Angeles, California	167.88.196.51	September 3, 2015	res.qaxlist.com	TVpad Operational Content
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	sepg.qaxlist.com	TVpad Operational Content Infringing Apps' Program Guides
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	ykhp.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	gqfc.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	fc.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	yhsy.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	dlgq.livetvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	sports.livetvpad.com	TVpad3 Operational Content
PEER 1 Network Inc Santa Ana, CA	107.6.45.86	September 3, 2015	bsap.wsxlist.com	TVpad3 Operational Content
Krypt Technologies Los Angeles, California	174.139.233.3	September 3, 2015	tytuepg.wsxlist.com	TVpad3 Operational Content
Nobis Technology Seattle, Washington	23.19.131.19	September 3, 2015	force2009web.net	TVpad3 Operational Content
LimeStone Networks Dallas, Texas	63.143.43.171	September 3, 2015	vistv.plbegy.com	TVpad4 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.12.143	September 3, 2015	gyyyer.plbegy.com	TVpad4 Operational Content
Hostspace Networks Los Angeles, California	198.44.250.177	September 3, 2015	mhleve.oyhrtp.com	TVpad4 Operational Content
LimeStone Networks Dallas, Texas	74.63.227.30	September 3, 2015	npxyc.prsolive.com	TVpad4 Operational Content
Hostspace Networks Los Angeles, California	23.234.51.152	September 3, 2015	canpic.vdese.com	VOD Thumbnail graphics
Hostspace Networks	162.211.182.49	December 14, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.71	December 14, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.65	November 25, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.72	December 14, 2014		DNS Lookup TVpad Operational Content
ClearDDoS Technologies	104.193.92.29	January 30, 2015		TVpad Authorization

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Defender cloud international	23.234.42.67	January 30, 2015		TVpad Authorization
ClearDDoS Technologies	23.234.42.66	November 25, 2014		TVpad Store Menus/Graphics
Datashack	198.204.242.5	November 25, 2014		TVpad Store Menus/ Graphics Infringing Apps
ClearDDoS Technologies	103.240.140.149	January 30, 2015		TVpad4 Store Menus/Graphics
CloudDDOS	168.235.240.115	January 30, 2015		TVpad Operational Content
Sharktech	107.167.14.146	November 25, 2014		TVpad Operational Content
CloudDDOS	168.235.240.115	January 30, 2015		TVpad Operational Content Infringing Apps' Program Guides
Defender cloud international	23.234.40.235	November 25, 2014		TVpad Operational Content
China Telecom	23.234.40.235	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Nobis Technology	23.105.74.107	November 25, 2014		TVpad Operational Content
Enzu	23.88.131.131	January 30, 2015		TVpad4 Operational Content
Protected by Cloudflare Location unknown	104.28.24.55	January 30, 2015		TVpad4 Operational Content
Sharktech	107.167.7.34	January 30, 2015		TVpad4 Operational Content
Chinanet China	61.174.48.109	January 30, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.13.44	January 30, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	January 30, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	January 30, 2015		TVpad4 Operational Content
Sharktech	107.167.15.67	November 25, 2014		VOD Thumbnail graphics
ClearDDoS Technologies	103.240.140.142	June 24, 2015		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.71	June 24, 2015		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.65	June 24, 2015		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.72	June 24, 2015		DNS Lookup TVpad Operational Content
ClearDDoS Technologies	104.193.92.29	June 24, 2015		TVpad Authorization

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Defender cloud international	23.234.42.67	June 24, 2015		TVpad Authorization
Sharktech	107.167.14.141	June 24, 2015		TVpad Store Menus/Graphics
ClearDDoS Technologies	104.193.92.8	June 24, 2015		TVpad Store Menus/ Graphics Infringing Apps
Enzu	23.245.203.53	June 24, 2015		TVpad4 Store Menus/Graphics
Hostspace Networks	162.211.182.173	June 24, 2015		TVpad Operational Content
Sharktech	107.167.14.140	June 24, 2015		TVpad Operational Content Infringing Apps' Program Guides
Defender cloud international	23.234.40.235	June 24, 2015		TVpad Operational Content
Defender cloud international	23.234.40.235	June 24, 2015		TVpad Operational Content
Cloud-CN	103.232.215.133	June 24, 2015		TVpad Operational Content
Cloud-CN	103.232.215.133	June 24, 2015		TVpad Operational Content
Nobis Technology	23.105.74.107	June 24, 2015		TVpad Operational Content
Hostspace Networks	23.234.51.85	June 24, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.12.143	June 24, 2015		TVpad4 Operational Content
Chinanet China	61.174.48.109	June 24, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.13.44	June 24, 2015		TVpad4 Operational Content
Gorilla Servers	146.71.102.90	June 24, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	June 24, 2015		TVpad4 Operational Content
CloudDDOS	168.235.240.115	June 24, 2015		VOD Thumbnail graphics
Enzu	104.151.28.194	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.30	January 30, 2015		Streaming Video
Enzu	23.89.39.194	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.240.149	January 30, 2015		Streaming Video
Clearddos Technologies	104.193.92.111	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Clearddos Technologies	162.221.12.41	January 30, 2015		Streaming Video
Clearddos Technologies	104.193.92.60	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video

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Host	IP address	Date of detection	Domain Name	Function
Esited	104.171.230.23	January 30, 2015		Streaming Video
Esited	104.171.230.16	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.240.65	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.10	January 30, 2015		Streaming Video
Clearddos Technologies	23.234.41.9	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.30	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.240.149	January 23, 2015		Streaming Video
ClearDDoS Technologies	104.193.92.111	January 23, 2015		Streaming Video
Esited	192.225.233.202	January 23, 2015		Streaming Video
Enzu	104.151.28.194	January 23, 2015		Streaming Video
Enzu	199.48.69.146	January 23, 2015		Streaming Video
Enzu	23.89.39.194	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.70	January 23, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.70	January 23, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 30, 2015		Streaming Video
Krypt Technologies	67.198.192.3	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 30, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video

Exhibit C - TVpad Server IP Addresses and Domain Names

Host	IP address	Date of detection	Domain Name	Function
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Leaseweb	162.210.198.179	January 30, 2015		Streaming Video
Krypt Technologies	67.198.192.3	January 30, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.12	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.173	June 25, 2015		Streaming Video
ClearDDOS	104.193.92.62	June 25, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 25, 2015		Streaming Video
Sharktech	107.167.15.100	June 25, 2015		Streaming Video
CloudDDOS	104.171.230.32	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 25, 2015		Streaming Video
CloudDDOS	168.235.241.12	June 25, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 25, 2015		Streaming Video
CloudDDOS	104.171.230.25	June 25, 2015		Streaming Video
Defender cloud international	23.234.41.14	June 25, 2015		Streaming Video
Enzu	107.183.236.115	June 23-25, 2015		Streaming Video
Krypt Technologies	67.198.192.3	June 23-25, 2015		Streaming Video
CloudDDOS	104.171.230.87	June 24-25, 2015		Streaming Video
Krypt Technologies	174.139.162.52	June 24-25, 2015		Streaming Video
CloudDDOS	104.171.230.25	June 26, 2015		Streaming Video
Defender cloud international	23.234.41.14	June 26, 2015		Streaming Video
CloudDDOS	104.171.230.32	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.173	June 26, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 26, 2015		Streaming Video
Krypt Technologies	174.139.83.4	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.115	June 26, 2015		Streaming Video
Krypt Technologies	67.198.192.3	June 26, 2015		Streaming Video
Krypt Technologies	98.126.4.194	June 26, 2015		Streaming Video
Krypt Technologies	98.126.14.27	June 26, 2015		Streaming Video
Hostspace Networks	162.211.182.173	June 26, 2015		TVpad 3 Operational Content
ClearDDoS Technologies	162.221.15.179	June 26, 2015		TVpad 3 Operational Content

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Host	IP address	Date of detection	Domain Name	Function
Sharktech	208.98.26.130	June 26, 2015		TVpad 3 Operational Content
Hostspace Networks	162.211.182.166	June 26, 2015		TVpad3 Operational Content
Enzu	198.56.193.123	June 26, 2015		Streaming Video
ZERO DDOS LLC	167.88.195.51	June 26, 2015		Streaming Video
Sharktech	104.171.230.3	June 26, 2015		Streaming Video
Enzu	23.89.197.35	June 26, 2015		Streaming Video
Krypt Technologies	67.198.158.171	June 26, 2015		Streaming Video
SolidTools	198.40.56.19	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.20	June 26, 2015		Streaming Video
C3 Networks	206.226.64.44	October 14, 2015		Streaming Video
C3 Networks	206.226.64.179	October 14, 2015		Streaming Video
C3 Networks	107.151.129.22	October 14, 2015		Streaming Video
C3 Networks	107.151.131.5	October 14, 2015		Streaming Video
C3 Networks	107.151.28.205	October 14, 2015		Streaming Video
C3 Networks	107.155.8.40	October 14, 2015		Streaming Video
C3 Networks	107.155.5.42	October 14, 2015		Streaming Video
C3 Networks	107.151.128.54	October 14, 2015		Streaming Video
C3 Networks	107.151.146.14	October 14, 2015		Streaming Video
C3 Networks	107.151.128.102	October 14, 2015		Streaming Video
C3 Networks	107.151.128.114	October 14, 2015		Streaming Video
C3 Networks	107.151.128.98	October 14, 2015		Streaming Video
C3 Networks	107.151.131.134	October 21, 2015		Streaming Video
Hostspace	192.126.116.213	October 21, 2015		TVpad Operational Content
Sharktech	104.37.247.147	October 21, 2015	xz.boxepg.com	DNS Lookup TVpad Operational Content
Sharktech	208.98.42.195	October 15, 2015	bi4.wsxlist.com stbepg.qaxlist.com	TVpad Operational Content
Sharktech	174.128.243.36	October 15, 2015	btvstb.xqlzoy.com	Streaming Video
Limestone Networks	63.143.43.171	October 15, 2015	vistv.plbegy.com	TVpad Operational Content
ZBUSA	192.225.233.60	October 14, 2015		TVpad Operational Content
Perfect International	70.36.96.245	October 15, 2015	stbepg.wsxlist.com cmsres.wsxlist.com	TVpad Operational Content
Enzu	104.171.230.102	October 21, 2015		Streaming Video
Enzu	104.171.230.79	October 21, 2015		Streaming Video

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Host	IP address	Date of detection	Domain Name	Function
Enzu	104.171.230.74	October 21, 2015		Streaming Video
Enzu	107.155.5.42	October 21, 2015		Streaming Video
Enzu	23.244.42.226	October 21, 2015		Streaming Video
Enzu	104.167.81.52	October 21, 2015		Streaming Video
Enzu	23.244.84.226	October 21, 2015		Streaming Video
Enzu	23.89.197.34	October 21, 2015		Streaming Video
Enzu	104.183.113.245	October 15, 2015		Streaming Video
Enzu	104.151.28.205	October 15, 2015		Streaming Video
Enzu	104.171.230.92	October 15, 2015		Streaming Video
Enzu	107.183.246.229	October 15, 2015		Streaming Video
Krypt	98.126.0.102	October 15, 2015		Streaming Video
Krypt	98.126.4.198	October 15, 2015		Streaming Video
Krypt	67.198.128.30	October 15, 2015		Streaming Video
Leaseweb	207.244.83.48	October 15, 2015		Streaming Video
Enzu	104.202.82.182	October 15, 2015		Streaming Video
Enzu	107.183.113.246	October 15, 2015		Streaming Video
Enzu	107.183.236.118	October 15, 2015		Streaming Video
Enzu	23.244.76.190	October 15, 2015		Streaming Video
Enzu	199.48.69.142	October 15, 2015		Streaming Video
Enzu	107.183.246.118	October 15, 2015		Streaming Video
Enzu	23.89.185.6	October 15, 2015		Streaming Video
Enzu	104.151.28.206	October 15, 2015		Streaming Video
Enzu	23.88.126.14	October 15, 2015		Streaming Video
Enzu	107.183.246.230	October 15, 2015		Streaming Video
Enzu	23.244.76.189	October 15, 2015		Streaming Video
Enzu	23.244.82.102	October 15, 2015		Streaming Video
Enzu	107.183.246.117	October 15, 2015		Streaming Video
Enzu	23.234.51.153	October 15, 2015		Streaming Video
Enzu	23.234.51.193	October 15, 2015		Streaming Video
Enzu	23.244.76.186	October 15, 2015		Streaming Video
Enzu	199.48.69.138	October 15, 2015		Streaming Video
Enzu	23.88.126.10	October 15, 2015		Streaming Video

Exhibit C - TVpad Server IP Addresses and Domain Names

Host	IP address	Date of detection	Domain Name	Function
Enzu	104.151.28.202	October 15, 2015		Streaming Video
Enzu	107.183.246.114	October 15, 2015		Streaming Video
Enzu	107.183.236.114	October 15, 2015		Streaming Video
Tzulo	206.226.64.44	October 14, 2015		Streaming Video
Tzulo	206.226.64.179	October 14, 2015		Streaming Video

EXHIBIT 2

TVpad4 IP Addresses and Domain Names

Host	IP address	Date of detection	Domain Name	Function
TVpad4 connected through a US IP address				
Alibaba (Hong Kong)	47.90.105.42	April 14, 2017	appepg.lpvj.nz	TVpad4 Authentication
Enzu (US)	23.244.43.236	April 14, 2017	xml.wwwcd.es	TVpad4 Operational Content
Cloudflare (US)	104.27.153.76	April 14, 2017	res.blhnn.nz	TVpad4 Operational Content
eNom (US)	69.64.147.242	April 14, 2017	res.kkpsg.es	TVpad4 Operational Content
AZURE TECHNOLOGY (US)	45.61.239.11	April 14, 2017	poxy.thryee.es	TVpad4 Operational Content
Defender Network (US)	23.234.13.27	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	45.61.239.33	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	104.171.230.80	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	104.171.230.102	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	45.61.239.122	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	104.171.230.3	April 14, 2017		Live, Replay Live and VOD Streaming Video
AZURE TECHNOLOGY (US)	45.61.239.180	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	23.236.123.39	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.128.172	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.155.5.136	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	23.236.123.53	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.129.45	April 14, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.129.22	April 14, 2017		Live, Replay Live and VOD Streaming Video
HostSpace (US)	23.234.51.208	April 14, 2017		Live, Replay Live and VOD Streaming Video
HostSpace (US)	23.234.13.40	April 14, 2017		Live, Replay Live and VOD Streaming Video
HostSpace (US)	23.234.51.105	April 14, 2017		Live, Replay Live and VOD Streaming Video
ZERO DDOS (US)	104.167.81.53	April 14, 2017		Live, Replay Live and VOD Streaming Video

blueTV Server IP Addresses and Domain Names

Host	IP address	Date of detection	Domain Name	Function
blueTV connected through a US IP address				
Nobis Technology (US)	23.81.180.59	April 4, 2017	stbepg.adynd.top	blueTV Authentication
Cloudflare	104.31.84.32	April 4, 2017	djres.grgog.top	blueTV apps store/download
Enzu (US)	23.244.43.238	April 4, 2017	bi.ugddb.nz	blueTV Operational Content
Enzu (US)	23.244.76.2	April 4, 2017	pox.y.blueseae.top	blueTV Operational Content
Zenlayer (US)	107.151.136.130	April 4, 2017	pox.y.hrsnos.com	blueTV Operational Content
Nobis Technology (US)	23.81.180.62	April 4, 2017	xml.edijv.top	blueTV Operational Content
Nobis Technology (US)	23.81.180.61	April 4, 2017	appepg2.appepg.es xz.yhnbox.com	blueTV Operational Content
Cloudflare	104.31.84.109	April 4, 2017	res.kkpsg.es	blueTV Operational Content
Cloudflare	104.28.8.33	April 4, 2017	res.pxhdy.top	blueTV Operational Content
Clear DDOS (US)	104.193.92.6	April 4, 2017	cnpic.hhnff.top	blueTV Operational Content
Defender Network (US)	23.234.13.22	April 4, 2017		Live, Replay Live and VOD Streaming Video
Defender Network (US)	23.234.51.96	April 4, 2017		Live, Replay Live and VOD Streaming Video
Clear DDOS (US)	162.221.12.64	April 4, 2017		Live, Replay Live and VOD Streaming Video
Azure Tech (US)	104.171.230.15	April 4, 2017		Live, Replay Live and VOD Streaming Video
Azure Tech (US)	45.61.239.141	April 4, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.128.38	April 4, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.136.131	April 4, 2017		Live, Replay Live and VOD Streaming Video
Zenlayer (US)	107.151.128.108	April 4, 2017		Live, Replay Live and VOD Streaming Video

EXHIBIT 3

TVPadNews.com

News about Chinese, Japanese, Korean, East Asian TV Streaming Boxes

What's a TVPad ? TVPadTalk Forum Files Download Buy BlueTV IPTV Asian IPTV Buying Guide

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Asian IPTV boxes buying guide - Chinese New Year 2017

Upgrade method for TVPad 4 to 5.060

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February 2017

January 2017


BlueTV Review ... TVPad 5 in disguise ?

BY PADMAN · PUBLISHED · UPDATED 2016-07-23

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Are you looking for an substitute to TVPad 4 ? Why not take a look at TVPad 5 ! Or ... I mean the BlueTV IPTV Media Box.



BlueTV vs TvPad

Lets find out what BlueTV is all about.

Overview

The BlueTV is another IPTV Android box marketed towards the Chinese speaking crowd. The box is manufactured by the same folks that created TVPad.

The manufacturers had stated the BlueTV will work out of the box for US region without needing any VPN/DNS solution.

The Package

The BlueTV packaging is pretty standard among Chinese IPTV affairs. It comes with the BlueTV unit, remote, HDMI cable, power supply and a manual. The box packaging is rather plain, almost too ordinary (Perhaps they did this on purpose to lay low from TVB). It is worth noting that the model on the box states **M425**, following the TVPad model tree.

To no one's surprise the dimension the unit is similar in size to TVPad 4. The IO ports are in identical position, although the ethernet port is upside down.

LAST COMMENTS

Eduardo Tsui on HTVS Review - The Good gets better ?

Padman on HTVS Review - The Good gets better ?

Adriano Malta on HTVS Review - The Good gets better ?

Padman on EVPad Pro 4k review - A few surprises

Inis Tan on Upgrade method for TVPad 4 to 5.060

EXHIBIT 3

- October 2016
- September 2016
- August 2016
- July 2016
- June 2016
- May 2016
- April 2016
- March 2016
- February 2016
- January 2016
- December 2015
- November 2015

The only thing that sets the BlueTV apart is the remote. It resembles of a AppleTV remote, it offers a **very very** simple user interface. A total of 11 buttons (Power, Home, Play/Pause, Stop, Previous, Next, Volume +, Volume -, Volume -, Volume -). This remote is definitely the most elderly friendly remote and probably my favourite remote out of all the IPTV boxes. **The new remote does work on TVPad 4.**



BlueTV Remote

The User Interface

Upon bootup, you are greeted by a minimalistic welcome screen similar to TVPad 4's.

The setup wizard will guide you through the Language, Network (ethernet/wifi) and Timezone settings. Once the wizard is done you will be greeted by a "blank screen".



BlueTV Welcome Screen

Similar to TVPad 4, the unit does not come pre-loaded with any apps. It is added via their proprietary app store. The app store is an improvement to the TVPad4's though. It has a super simple one layer layout, so no more annoying categories to search for apps. The apps selection can be reached by going left or right.

App installation is a breeze, just click and install. Once the app is installed, the icon is immediately placed on the "blank screen". After that

just click-n-play.



BlueTV Blank Screen



BlueTV Apps



BlueTV Apps



BlueTV Apps



BlueTV App Installation

The Apps

The main app for the BlueTV is called Storm TV. It is a consolidation of multiple apps on the TVPad4, 港粵網絡電視 (Cantonese), 寶島電視 (Taiwan), BETV (Mandarin). The layout is a little bit different but you get the idea... One thing you may like about Storm TV is that it does have separate version for English and Chinese. So if you are using the box for elderly parents, this may be a plus.



Storm TV Interface

The app contains sub-categories of **Live, Playback, Drama, Variety, Movie**.

Live

For Cantonese the Storm TV line up is basically the same as TVPad 4's. TVB, TVB News, J2, J5, Peral, ViU TV, RTHK, etc.

Since I don't watch Taiwanese or Mainland TV I don't know what channels are must haves. But check the video review...

All channels are smooth.

Playback

The playback contains 3 days playback of 34 different channels. See the screenshot below for the channel listing



BlueTV Playback Channel Listing



BlueTV Playback Channel Listing



BlueTV Playback Channel Listing

Drama (VOD)

The Drama is Video-on-Demand of dramas. There are currently 7 sub-categories: **Hong Kong** (TVB, ViU TV, etc), **Cantonese Dub** (J2, J5 Korean/Japanese dramas), **China, Taiwan, US** (Chinese Subbed ala TVB Peral), **Korea** (Chinese subbed, not sure where it's from), **Hong Kong Classic**



BlueTV VOD

View
The variety category have the following TVB, ViuTV, Cantonese Kids, Mainland, Taiwan, Concert, Cantonese Songs



BlueTV vs TVPad 4 vs HTV3 vs

Ubox

Device Comparison

Is this an alternative to HTV? Possibly... depending on your usage. HTV have more VOD content and tv channels (more English stations). But HTV have recently pulled their main Live tv app from their app store, so it's a bit of a hassle to install it manually

Is this an alternative to Moonbox M35/HiTV? I would say so... It's a known fact that the Moonbox have problems with it's apps and also the device breaking randomly.

Is this an alternative to Ubox? **Absolutely!** You don't have to worry about stream going down daily

Here is my personal ranking of these units **based on their stability and ease of use**

TVPad4, HTV3, BlueTV – A (**Super stable and easy to use apps**)

Moonbox – C (**Average-below average**)

UBox – F (**Absolutely horrible!**)

Should I buy it?

That's the golden question isn't it? I mean after the shenanigans they pulled with TVPad 1-3, should you still be supporting this company...

In my opinion, here's the bottom line.

1. The streams, VOD contents are top notch. It is among the ranks of HTV. If you want stable streams, this is a unit worth considering.
2. The TVPad parent company (啟創科技) doesn't appear to be going anywhere. Despite what happened to the lawsuits, this company appears to be alive and kicking. Evidently they are basically following what I predicted they would do, rebrand themselves and business as usual.
3. The interface is still among one of the easiest to use for elderly. Especially with the consolidation apps into Storm TV, it just made watching Chinese content a lot easier

Where can I buy it and how much?

Before considering the price, you must give yourself the expectation that no unit will last forever. This includes TVPad 4, UBox, HTV3, BlueTV, Moonbox... etc.

What I generally advice forum member is to take the unit price and divide by 12 (1 years worth of service). This way you can see if paying \$X amount per month for 1 year is worth it in case something happens to the service. Of course, there are chances of the service terminating before the year but that life...

You can buy the BlueTV for only \$179 with free DHL shipping at our sponsor cntvpad.com

We **highly recommend** [cntvpad](http://cntvpad.com) due to their contribution to the community. Their willingness to help forum members with devices that wasn't purchased from them is exceptional (Link). Not to mention they are also an authorised seller of BlueTV as well. Which means you won't get your unit deactivated due to a shady seller

Looking for another device? Check out our [HTV3 Review](#)

Forum discussion ~ <http://tvpadtalk.ca/discussion/834/blue-tv-review-vs-tvpad-4-htv3-ubox>



Tags: [BlueTV](#) [HTV3](#) [Moonbox](#) [Tvpad4](#) [Ubox](#)

YOU MAY ALSO LIKE...

Installing vChannel VOD (Video on Demand) app onto your TVPad 4

2015-12-09



TVPad working without changing DNS in Canada

2015-11-30

TVPad & TVB Agreement in the works? US to resume normal shortly?

2015-11-27

8 Comments


TVPadNews.com

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Join the discussion...



sweetutopia · a month ago

I purchased the Blue TV box thru TVPadtalk sponsor @ [cnvtpad.com](#). The box came, but there are currently no apps in the app store. I've sent messages to their customer service and since have not had any response from them in regards to empty app store!


^ | v · Reply · Share



Padman · a month ago

Are there any apps on the box itself?

^ | v · Reply · Share




sweetutopia · Padman · a month ago

Hi Padman,

Are there any solutions you can help me out with on this w. the apps?

It starting to feel like I got scammed as they are not repsonding/offering any solutions. :(


^ | v · Reply · Share



sweetutopia · Padman · a month ago

No, there are no apps at all. I go to the add apps option and it takes me to empty app store.

^ | v · Reply · Share




Kevin Yuk · 3 months ago

I've been using Unblock Tech Gen 2 since Jun 2015. Had two Gen2 and Gen2Plus. Also got one for my brother living elsewhere. They were unstable in 2015 to early 2016 with overloaded servers and frequent updates. However, they've been quite stable since then.

Recently moved to a new home and my room doesn't have aerial antenna line and I didn't want to rewire from the living room, so I've been using the Unblock Tech box as my main source of television. It's been relatively stable with occasional 0kb buffering on some channels, but the problem usually goes away after exiting the UBTv App and clearing ram, or just waiting a few minutes before reloading the App. I recently replaced one of my Gen2Plus for a Gen3ProBT because of their trade-in promotion and the new one is much faster, smoother and also quite stable.

Nothing is perfect when you don't have to pay for an exorbitant subscription fee, and the ability to install regular apks for other purposes is great too. I also stream from my Synology DS1513+.


^ | v · Reply · Share



Win · Kevin Yuk · 3 months ago

Would you mind to tell me where are you located? I would like to use it in US.


^ | v · Reply · Share




Win · 3 months ago

I'm in Hong Kong. I also have family and friends using them in Hong Kong, Shanghai and New York.

^ | v · Reply · Share



This comment was deleted.



Padman · Guest · 7 months ago

How long ago did you send in your request ?

^ | v · Reply · Share

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EXHIBIT 4

Categories



EXHIBIT 5

From: service@paypal.com [Masked]
To: [REDACTED]
Subject: Receipt for Your Payment to Unerc Ltd.
Date: Friday, February 10, 2017 1:45:50 PM

Preview: Feb 10, 2017 13:45:11 EST | Transaction ID: 0CM47174FD451733G
Safely received through a Masked Email. [IF THIS IS SPAM, CLICK HERE TO BLOCK THIS MASKED EMAIL.](#)



Feb 10, 2017 13:45:11 EST
Transaction ID: [0CM47174FD451733G](#)

Hello Nicholas Braak,

You sent a payment of \$1,388.00 HKD to Unerc Ltd.
(info@unerc.com)

It may take a few moments for this transaction to appear in your account.

Merchant
Unerc Ltd.
info@unerc.com
+852 0037253312443

Instructions to merchant
You haven't entered any instructions.

Shipping address - confirmed
Nick Braak
[REDACTED]
United States

Shipping details
The seller hasn't provided any shipping details yet.

Description	Unit price	Qty	Amount
BlueTV Streaming Player Item# M425	\$1,388.00 HKD	1	\$1,388.00 HKD

Subtotal	\$1,388.00 HKD
Total	\$1,388.00 HKD
Payment	\$1,388.00 HKD

Payment sent to info@unerc.com

EXHIBIT 6

DHL
EXPRESS WORLDWIDE WPX DHL

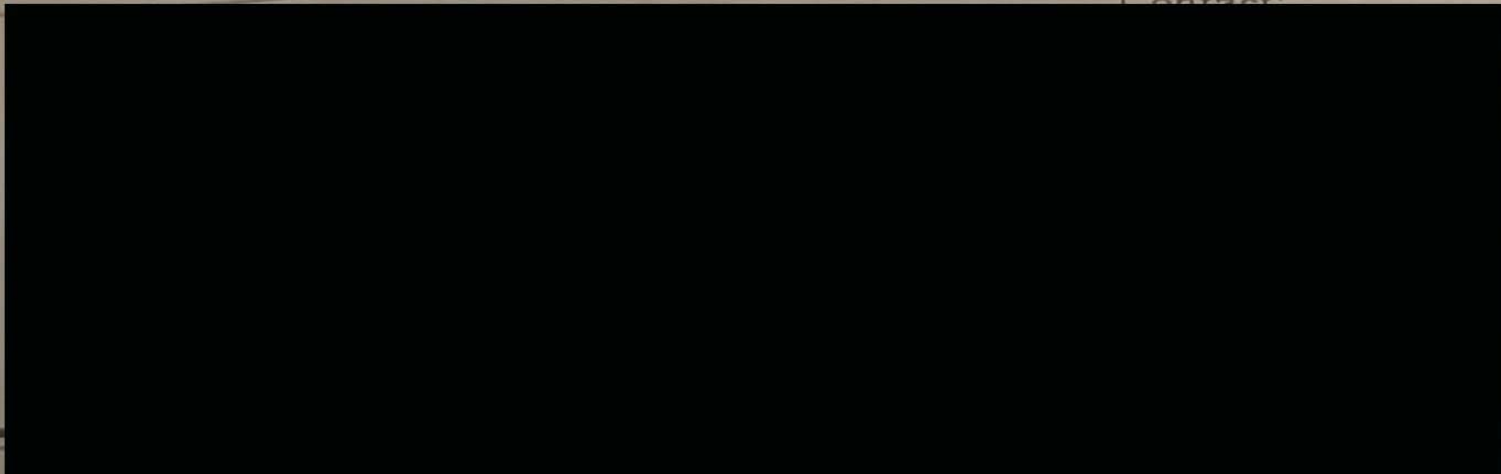
2017-02-13 XMLPI 5 2 / *90-1604*

From : Hoogle (HK) Industry Co., Ltd
Abby Zhou
4F, NO. 9, Lane 6 Jinxu Village,
Ailian, Longgang District,
Shenzhen, 518116, China
518116 SHENZHEN
China, People's Republic

Origin:
SZX

Contact: 00861341088324

Contact:



CVGU **US-ZYP-JR3**

C

Day Time

EXHIBIT 7



blueTV

☒ **MASSIVE APPS**

☒ **H.265**

Model: M425

Color: Black

Size: 100X100X22mm

Made in China

HDMI

WIFI

1080P



RoHS



MAC:50FF9963807A



S/N:815.4250-511





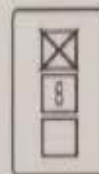
MAC:50FF9963807A





EXHIBIT 8





Model:M358

Color: Black

Size: 100*100*23mm

Made in China

Packing Size: 149*149*82mm

<http://www.creatent.net>

Manufacturer: CREATE NEW TECHNOLOGY(HK)LIMITED



MAC:AC867E06EA36



S/N:815.3580-501





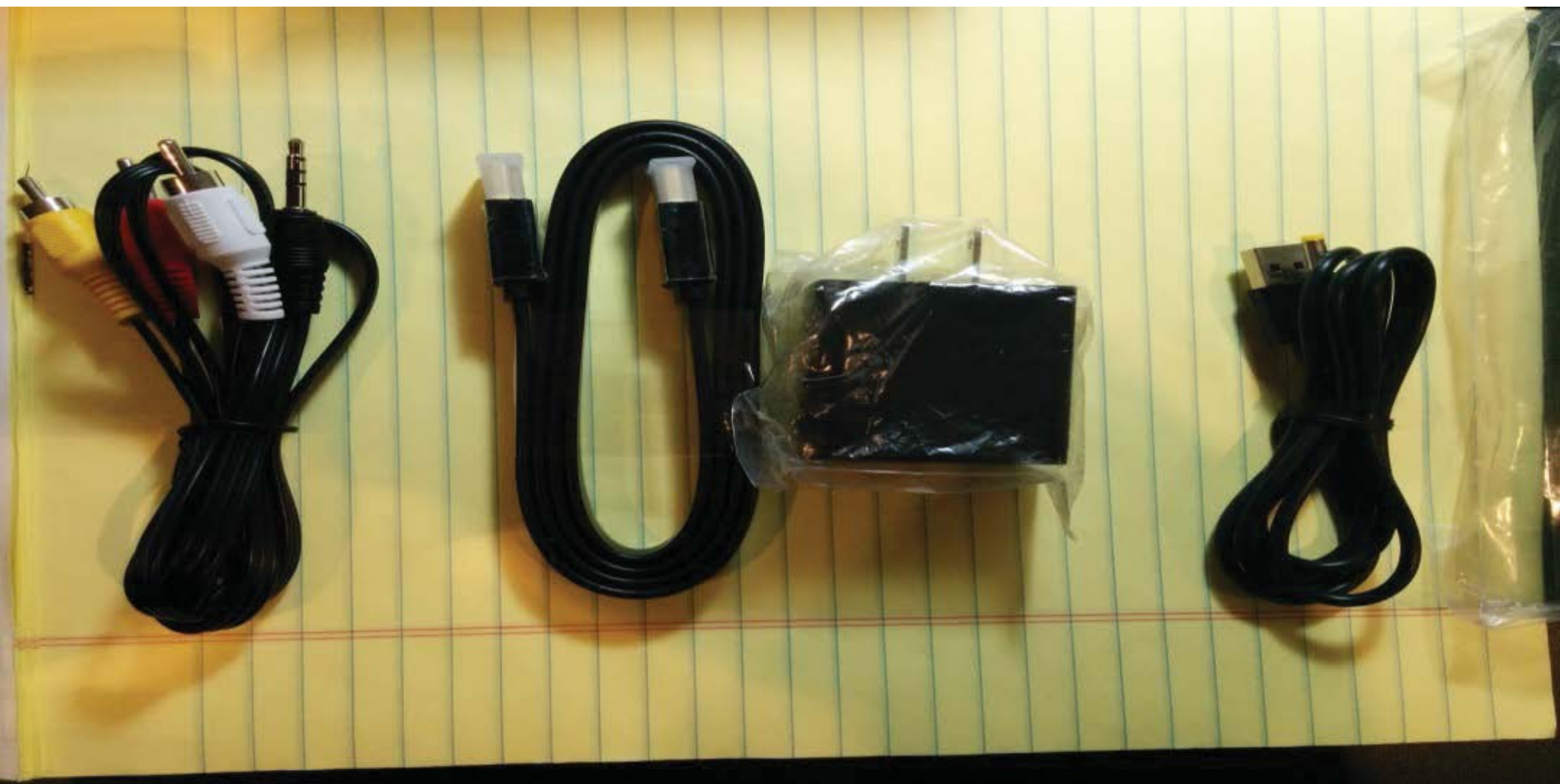




EXHIBIT 9

08:36

blueTV Descriptions



Storm TV

Size: 4.15MB

Version: V3.5

Supplier: Storm TV

Descriptions: Provide the latest hot Chinese and Cantonese movies, TV dramas, variety shows to you.

Run

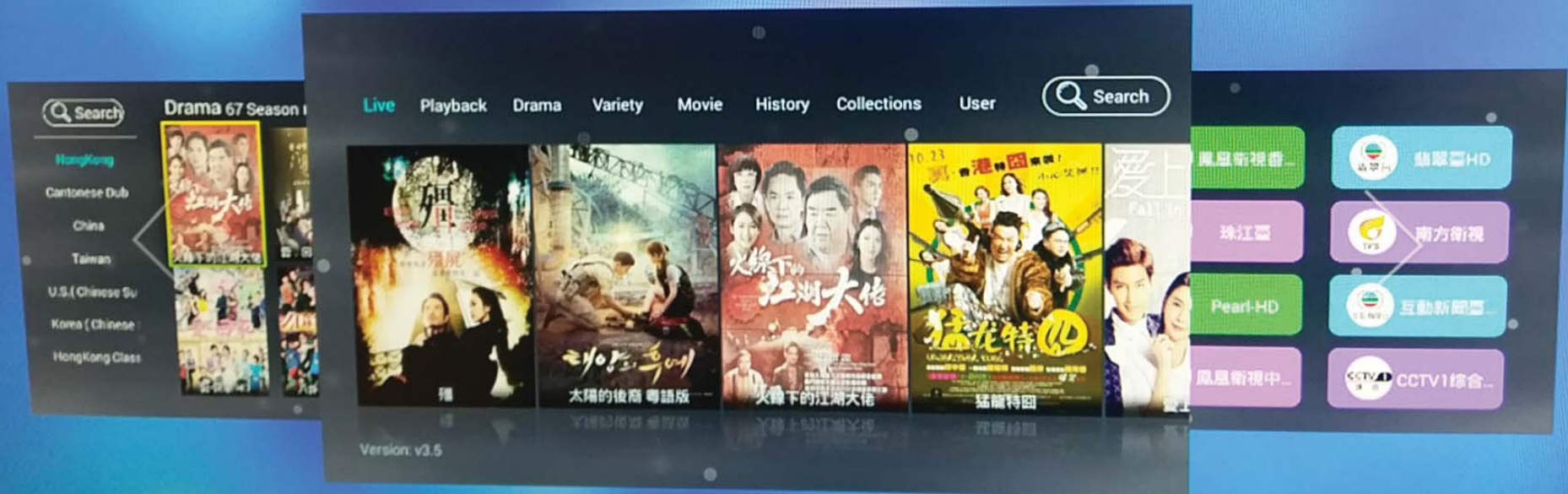


EXHIBIT 10

Playback 31 Season



育频道HD



CCTV4中文...



CCTV6电影...



CCTV13新...



湖南卫视HD



江苏卫视HD



浙江卫视HD



东方卫视HD



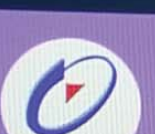
北京卫视HD



广东卫视HD



中视



台视 HD

Playback 31 Season



ViuTV HD



翡翠臺HD



J5-HD



珠江臺



南方衛視



J2-HD



Pearl-HD



互動新聞臺...



鳳凰衛視資...



鳳凰衛視中...



CCTV1綜合...



CCTV3綜藝...

Channel

CCTV

Collections

ALL

HongKong

CCTV

China (Local)

Taiwan

Sports

International

001 CCTV14少儿频道 ☆

002 CCTV13新闻频道 ☆

003 CCTV12社会与法频 ☆

004 CCTV戏曲 ☆

005 CCTV10科教频道 ☆

006 CCTV6电影频道 ☆

007 CCTV4中文国际频 ☆

008 CCTV3综艺频道 ☆

1KB/s

▶ 《投资派》单周四

10:15 File 《首席评论》(2...

10:35 《解码财商》(2017....

CCTV5体育频道HD 15 Season

03-23

03-22

03-21

18:00-19:27

体育新闻

Playback

16:30-18:00

实况录像-2018年俄罗斯世界杯亚洲区...

Playback

14:00-15:30

实况录像-2016/2017中国排球联赛女排...

Playback

12:35-14:00

国际足球赛场-2017年亚冠联赛小组赛 ...

Playback

12:00-12:35

体坛快讯

Playback

09:01-12:00

2017年世界女子冰壶锦标赛-排位赛(瑞...

Playback

blueTV Descriptions

08:37



風暴電視

Size: 4.15MB

Version: V3.3

Supplier: 風暴電視

Descriptions: 海外華人的電視風暴，中港台內容，匯聚熱門美剧、韩剧以及多种播放形式。風暴电视，你我的电视風暴！

Run



Live

Playback

Drama

Variety

Movie

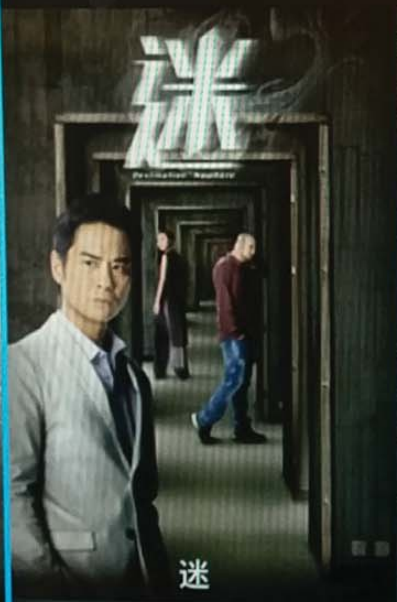
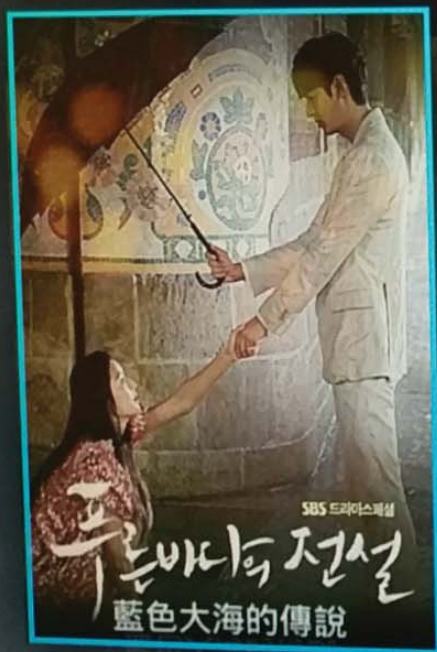
History

Collections

User



Search



Version: v3.5

Channel	HongKong		
Collections	001 鳳凰衛視中文臺	☆	
ALL			▶ 全球視野(1059)
HongKong	002 鳳凰衛視資訊臺	☆	09:47 人間菩提(6920)
CCTV	003 RTHK 32	☆	10:00 大愛夜間新聞LIVE(...
China (Local)			10:30 大愛劇場 奔跑吧!阿...
Taiwan	004 RTHK 31	☆	11:00 《财经夜行线》(20...
Sports	005 互動新聞臺HD	☆	11:40 《今日股市》(2017....
International	006 Pearl-HD	☆	12:34 《解码财商》(2017....
			16:52 STILL
	007 J2-HD	☆	17:01 《今日股市》(2017....
	008 南方衛視	☆	18:00 直播:财经早班车

1KB/s

Pearl-HD 36 Season

03-23 03-22 03-21

20:30-20:55	星級好滋味[英/粵] Breaking Bread[Eng/...	Playback
20:00-20:30	超級食物知多D[英/粵] Super Foods The...	Playback
19:55-20:00	天氣報告[英] 及 瞬間看地球[英] WEATH...	Playback
19:30-19:55	七點半新聞報道[英] NEWS AT SEVEN-T...	Playback
18:35-19:00	吉列體壇一週[英] Gillette World Sport[E...	Playback
18:05-18:35	寰宇體壇[英] Transworld Sport[Eng]	Playback

Search

HongKong

Cantonese Dub

HongKong Class

China

U.S. (Chinese Sub)

Korea (Chinese Sub)

Taiwan

Drama 61 Season (HongKong)



Episode



純熟意外 HD

Collections

Director: 陳耀全

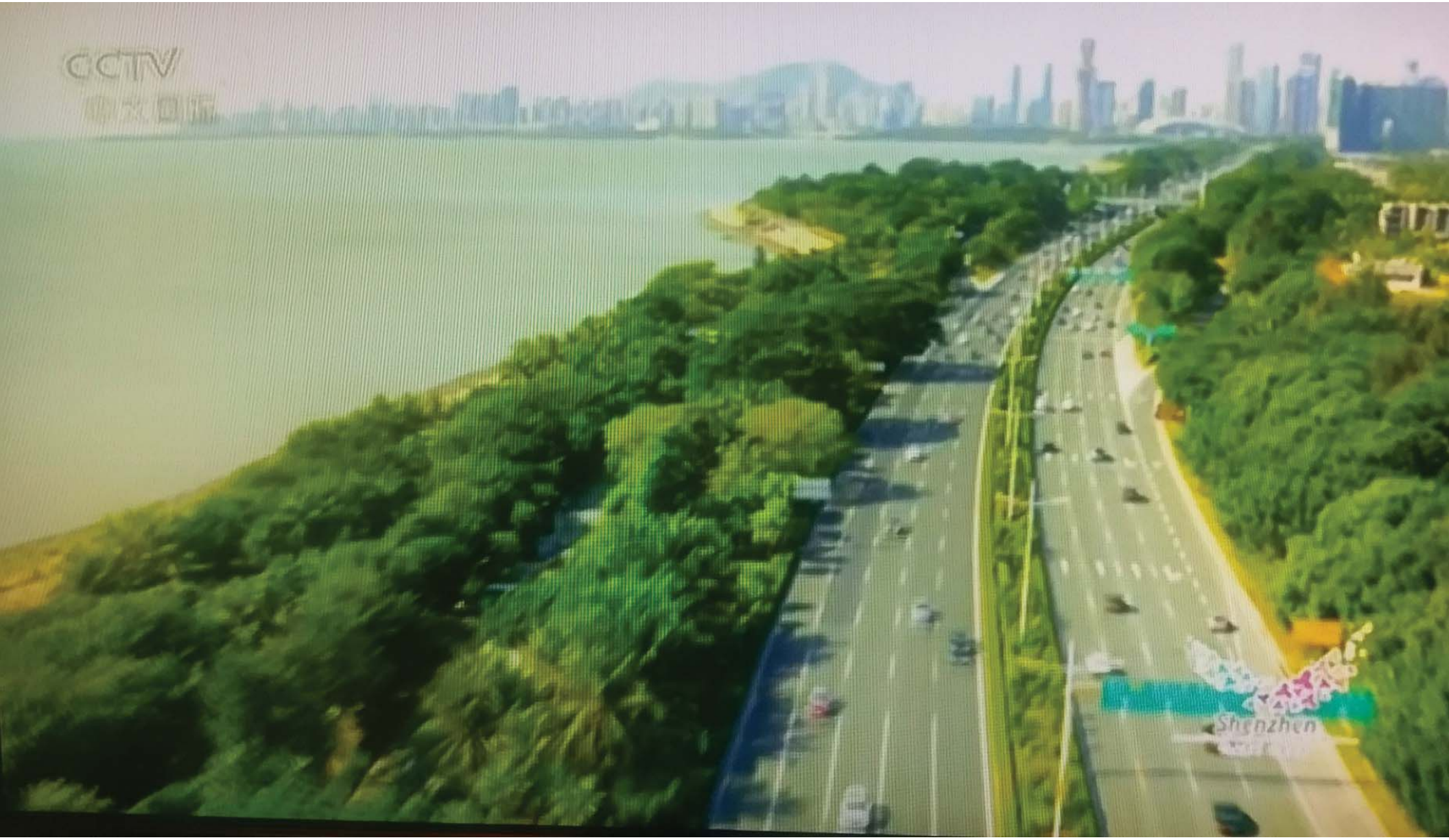
Starring: 吳啟華, 蔡思貝, 李施嬅 周驥

Synopsis: 世上每日發生不同的事故，它們的出現，必然有因，才有果。但世事總有始料不及，當人未能看清萬物事出何因，便會將其統稱為「意外」。意外真的存在嗎？

Strongly recommended







CCTV 8
电视剧

19:30:08





19:00 3月23日(四) 22°C 80% 19°C



事件造成四死醫

華南城 1.66 -
舉過程順利。

環球信貸集團 1.23 -

華章科技 2.54 ▲0.02

中倉 美元/港

鄭錦滿被控盜竊公共圖書館書籍，案件押至下月再審 7.767

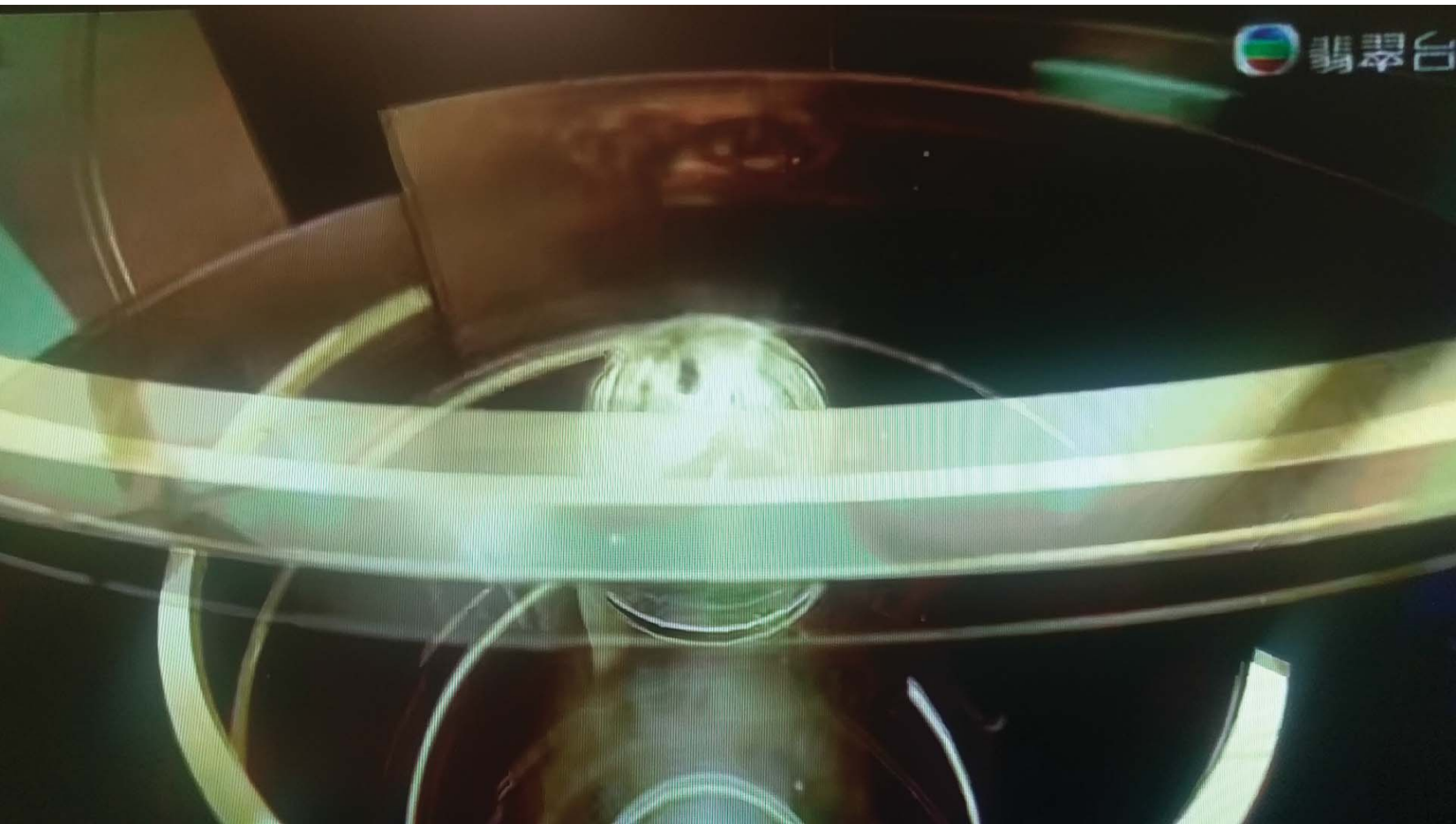


EXHIBIT 11

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ATTORNEYS FOR PLAINTIFFS

11 UNITED STATES DISTRICT COURT
12 CENTRAL DISTRICT OF CALIFORNIA

13 CHINA CENTRAL TELEVISION, a China
company; CHINA INTERNATIONAL
14 COMMUNICATIONS CO., LTD., a China
company; TVB HOLDINGS (USA), INC., a
15 California corporation; and DISH
NETWORK L.L.C., a Colorado limited
16 liability company,

Plaintiffs,

17 vs.

18 CREATE NEW TECHNOLOGY (HK)
LIMITED, a Hong Kong company; HUA
19 YANG INTERNATIONAL TECHNOLOGY
LTD., a Hong Kong company; SHENZHEN
20 GREATVISION NETWORK
TECHNOLOGY CO. LTD., a China
company; CLUB TVPAD, INC., a California
21 corporation; BENNETT WONG, an
individual; ASHA MEDIA GROUP INC.
22 d/b/a TVPAD.COM, a Florida corporation;
AMIT BHALLA, an individual;
23 NEWTPAD LTD CO. a/k/a TVPAD USA,
a Texas corporation; LIANGZHONG ZHOU,
24 an individual; HONGHUI CHEN d/b/a e-
Digital, an individual; JOHN DOE 1 d/b/a
25 BETV; JOHN DOE 2 d/b/a YUE HAI; JOHN
DOE 3 d/b/a 516; JOHN DOE 4 d/b/a HITV;
26 JOHN DOE 5 d/b/a GANG YUE; JOHN
DOE 6 d/b/a SPORT ONLINE; JOHN DOE 7
27 d/b/a GANG TAI WU XIA; and JOHN DOES
8-10,

Defendants.

) Case No.
) **CV 15-1869 SVW (AJWx)**

) **[PROPOSED] SECOND**
) **AMENDED ORDER GRANTING**
) **PLAINTIFFS' MOTION FOR**
) **DEFAULT JUDGMENT AND**
) **PERMANENT INJUNCTION**
) **AGAINST DEFENDANTS**
) **CREATE NEW TECHNOLOGY**
) **(HK) LIMITED AND HUA**
) **YANG INTERNATIONAL**
) **TECHNOLOGY LTD.**

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1 [Proposed] **Second** Amended Order Granting Default Judgment and Permanent Injunction
DWT 30172351v1 0094038-000021

TO ALL PARTIES AND THEIR COUNSEL OF RECORD:

The Court has considered the Motion ~~for~~to Amend Default Judgment and Permanent Injunction of Plaintiffs China Central Television (“CCTV”), China International Communications Co., Ltd. (“CICC”), TVB Holdings (USA), Inc. (“TVB (USA)”), and DISH Network L.L.C. (“DISH”) (collectively, “Plaintiffs”), against Defendants Create New Technology (HK) Limited and Hua Yang International Technology Limited (“Defendants”) and all documents in support thereof. Good cause appearing to enter the requested relief, IT IS HEREBY ORDERED that Plaintiffs’ Motion is GRANTED, and Judgment shall be and hereby is entered against Defendants in this action as follows:

1. For purposes of this Default Judgment and Permanent Injunction, the following definitions shall apply:

a. “Plaintiffs’ Copyrighted Programming” shall mean each of those broadcast television programming works, or portions thereof, whether now in existence or later created, in which the Plaintiffs, or any of them (or any parent, subsidiary, or affiliate of any of the Plaintiffs), owns or controls an exclusive right under the United States Copyright Act, 17 U.S.C. §§ 101 *et seq.*, including without limitation all copyrighted programs identified in **Exhibit A** hereto;

b. “TVpad Device” shall mean the television set-top devices marketed as TVpad3 and TVpad4, and any other set-top devices that offer for download or allow use of the Infringing TVpad Apps;

c. “TVpad Store” shall mean any combination of software and/or services whereby users can select and download software applications onto the TVpad Device;

d. “TVpad Apps” shall mean software applications and associated services that are designed for use on the TVpad Device and available for download through the TVpad Store;

e. “Infringing TVpad Apps” shall mean any TVpad App or similar application used with a Comparable System whereby Plaintiffs’ Copyrighted Programming is publicly performed without authorization by transmission to members of the public, including but not limited to the TVpad Apps and blueTV device app identified in **Exhibit B** hereto;

f. “TVpad Service” shall mean transmission of Plaintiffs Copyrighted Programming through the TVpad Device and the Infringing TVpad Apps;

g. “Comparable System” shall mean any device, data transmission service or application that provides users unauthorized access to Plaintiffs’ Copyrighted Programming, using any peer to peer or internet based transmission, file sharing or content delivery technology, including but not limited to the blueTV device;

h. “TVpad Websites” shall mean the websites located at the domain names itvpad.com, mtvpad.com and tvpadfans.com and any other websites maintained by Defendants or pursuant to their direction, that distribute, sell, advertise or promote any TVpad Device, the TVpad Service, or any Comparable System, or are otherwise utilized in furtherance of any of the activities enjoined in Paragraphs 9, 10 and 13 hereinbelow;

i. “CCTV Marks” shall mean the word marks “CCTV” and “CCTV AMERICA” and the stylized CCTV logo, and the design mark “CCTV AMERICA” registered with the U.S. Patent and Trademark Office, Application Serial No. 86239098;

j. “TVB Marks” shall mean (a) the word mark JADE (U.S. Serial No. 76406416); (b) the JADE logo (U.S. Serial No. 76445114 and U.S. Application Serial No. 86171201); (c) the word mark TVB (U.S. Application Serial No. 86171162); and the Chinese-language word mark for THE JADE CHANNEL (U.S. Serial No. 76407746); and

k. "Plaintiffs' Marks" shall mean the CCTV Marks and TVB Marks.

2. This Court has personal jurisdiction over Defendants and jurisdiction over the subject matter at issue pursuant to 28 U.S. C. §§ 1331, 1338 and 1367, as well as 15 U.S.C. § 1121(a). This Court has continuing jurisdiction to enforce the terms and provisions of this Default Judgment and Permanent Injunction.

3. Plaintiffs' copyrights in Plaintiffs' Copyrighted Programming are valid and enforceable.

4. Plaintiffs' Marks are valid and enforceable.

5. Defendants have committed and continue to commit the following acts:

a. transmitting video of Plaintiffs' Copyrighted Programming into the United States without authorization through the TVpad Device and Infringing TVpad Apps;

b. retransmitting Plaintiffs' Copyrighted Programming to TVpad users, capturing television programs and converting them to Internet-friendly formats, streaming such content using peer-to-peer technology, directly streaming content to the United States, and making and storing copies of Plaintiffs' Copyrighted Programming for later playback at the request of TVpad users;

c. unlawfully publicly performing and/or authorizing others to publicly perform Plaintiffs' Copyrighted Programming;

d. unlawfully reproducing and distributing and/or authorizing others to reproduce and distribute Plaintiffs' Copyrighted Programming;

e. unlawfully publicly displaying and/or authorizing others to publicly display Plaintiffs' Copyrighted Programming in the United States;

f. marketing the availability of Plaintiffs' Copyrighted Programming through the TVpad Device and Infringing TVpad Apps;

1 g. manufacturing, distributing, maintaining and marketing the
2 TVpad Service, the TVpad device and the TVpad Store, and Infringing TVpad
3 Apps, all with the object of promoting their use to infringe Plaintiffs'
4 Copyrighted Programming, thereby knowingly and intentionally inducing
5 infringement of Plaintiffs' Copyrighted Programming and materially
6 contributing to the continued infringement of Plaintiffs' Copyrighted
7 Programming by third parties;

8 h. continuing the acts detailed in ¶¶ 5(a)-(g) above after receiving
9 cease and desist letters from Plaintiffs, after the commencement of this action
10 and after and in violation of the Preliminary Injunction Order in this action
11 [Dkt. No. 98]; and

12 i. using Plaintiffs' Marks to advertise the TVpad Service and falsely
13 representing that Plaintiffs have authorized the streaming of their television
14 programming on the TVpad, creating consumer confusion regarding Plaintiffs'
15 relationship, authorization, sponsorship and affiliation with Defendants'
16 products and services.

17 6. Defendants' acts constitute:

18 a. direct infringement, contributory infringement and vicarious
19 infringement of Plaintiffs' Copyrighted Programming in violation of the
20 Copyright Act, 17 U.S.C. § 101 *et seq.*;

21 b. federal trademark infringement and unfair competition under the
22 Lanham Act, 15 U.S.C. § 1125(a);

23 c. common law trademark infringement and unfair competition; and

24 d. violation of California Business and Professions Code § 17200 *et*
25 *seq.*

26 7. Defendants are ordered to pay damages to Plaintiffs in the amount of
27 \$55,460,691.
28

1 8. Defendants are ordered to pay Plaintiffs' attorneys fees in the amount of
2 \$1,451,490, and post-judgment interest, pursuant to 28 U.S.C. § 1961(a), "at a rate
3 equal to the weekly average 1-year constant maturity Treasury yield, as published by
4 the Board of Governors of the Federal Reserve System, for the calendar week
5 preceding the date of the judgment."

6 9. Defendants, and all of their parents, subsidiaries, affiliates, officers,
7 agents, servants and employees, and all those persons or entities acting in active
8 concert or participation with Defendants (including but not limited to parties that
9 procure or provide sales, distribution, shipping or logistics services, primary and
10 backup storage services, or web, server or file hosting services on behalf of
11 Defendants, including but not limited to those parties listed in **Exhibits C and D**)
12 and all persons and entities who receive actual notice of this Order (collectively, the
13 "Enjoined Parties") are immediately and permanently enjoined from engaging in any
14 of the following activities:

15 a. Distributing, selling, advertising, marketing or promoting any
16 TVpad Device;

17 b. Transmitting, retransmitting, assisting in the transmission of,
18 requesting transmission of, streaming, hosting or providing unauthorized
19 access to, or otherwise publicly performing, directly or indirectly, by means of
20 any device or process, Plaintiffs' Copyrighted Programming;

21 c. Authorizing, hosting, reproducing, downloading, selling or
22 otherwise distributing the Infringing TVpad Apps, including without
23 limitation offering them in the TVpad Store, loading them onto any TVpad
24 Device or any Comparable System, offering or providing them on Internet
25 websites, or providing the Infringing TVpad Apps to consumers on separate
26 media;

27 d. Creating or providing assistance to others who wish to create an
28 Infringing TVpad App;

1 e. Advertising, displaying, marketing or otherwise promoting any of
2 the Infringing TVpad Apps, including without limitation publicly displaying
3 any of the Plaintiffs' Copyrighted Programming in connection therewith or in
4 connection with the TVpad Device or any Comparable System, including
5 without limitation via the TVpad Websites;

6 f. Distributing, selling, advertising, marketing or promoting any
7 TVpad Device that contains, connects to, or offers for download any
8 Infringing TVpad App, or promotes any Infringing TVpad App through the
9 inclusion of icons for said Infringing TVpad App;

10 g. Distributing, selling, advertising, marketing or promoting any
11 TVpad Device that contains, connects to, offers for download, transmits,
12 assists in the transmission of, streams, hosts, provides access to, or otherwise
13 publicly performs, directly or indirectly, by means of any ~~device of device or~~
14 process, Plaintiffs' Copyrighted Programming without permission;

15 h. Distributing, selling, advertising, marketing or promoting any
16 Comparable System that contains, connects to, offers for download, transmits,
17 assists in the transmission of, streams, hosts, provides access to, or otherwise
18 publicly performs, directly or indirectly, by means of any ~~device of device or~~
19 process, Plaintiffs' Copyrighted Programming without permission;

20 i. Providing or controlling servers which contain any of Plaintiffs'
21 Copyrighted Programming; and

22 j. Assisting with end-user reproductions or transmissions of any of
23 Plaintiffs' Copyrighted Programming through a tracker server, or any other
24 server or software that assists users or devices in locating, identifying or
25 obtaining reproductions or transmission of any of Plaintiffs' Copyrighted
26 Programming, including from other users offering reproductions or
27 transmissions of any of Plaintiffs' Copyrighted Programming;
28

1 k. Otherwise infringing Plaintiffs' rights in their Copyrighted
2 Programming, whether directly, contributorily, vicariously or in any other
3 manner.

4 10. The Enjoined Parties are further immediately and permanently enjoined
5 from engaging in any activities having the object or effect of fostering infringement
6 of Plaintiffs' Copyrighted Programming, whether through the Infringing TVpad
7 Apps or otherwise, including without limitation engaging in any of the following
8 activities:

9 a. Advertising or promoting unauthorized access to or the
10 availability of Plaintiffs' Copyrighted Programing;

11 b. Encouraging or soliciting others to transmit or reproduce
12 Plaintiffs' Copyrighted Programming;

13 c. Encouraging or soliciting others to upload, post or index any files
14 that constitute, correspond, point or lead to any of Plaintiffs' Copyrighted
15 Programming;

16 d. Encouraging or soliciting others to offer transmission of
17 Plaintiffs' Copyrighted Programming;

18 e. Providing technical assistance, support services or servers to
19 others engaged in infringement of, or seeking to infringe, Plaintiffs'
20 Copyrighted Programming;

21 f. Creating, maintaining, highlighting or otherwise providing access
22 to lists or forums that include, refer to or signal the availability of Plaintiffs'
23 Copyrighted Programming;

24 g. Including references to Plaintiffs' Copyrighted Programming or
25 the Infringing TVpad Apps in promotional materials; and

26 h. Creating, maintaining or providing access to the Infringing
27 TVpad Apps.
28

11. The Enjoined Parties shall not enter into any agreement or transaction whatsoever to sell, lease, license, assign, convey, distribute, loan, encumber, pledge or otherwise transfer, whether or not for consideration or compensation, any part of the system, software, source code, data file, other technology, domain names, trademarks, brands, or files used in connection with the TVpad Device, Infringing TVpad Apps or any Comparable System.

12. Defendants shall identify to Plaintiffs all domain names and IP addresses and the physical locations of all servers owned, leased or operated by any of the Enjoined Parties that are used in connection with the activities enjoined under Paragraphs 9 and 10, above, within 7 days of the entry of this Permanent Injunction.

13. Further, the Enjoined Parties are immediately and permanently enjoined from engaging in any of the following activities:

a. Using the CCTV or TVB Marks, or any other mark, design reproduction, copy or symbol that is a colorable imitation thereof, or confusing similar thereto, in connection with broadcasting or entertainment services, or related goods or services, not originating from or authorized by Plaintiffs;

b. Using the CCTV or TVB Marks, or any other mark, design reproduction, copy or symbol that is a colorable imitation thereof, in any manner likely to cause confusion, to cause mistake, or to deceive the consuming public;

c. Representing in any manner, or by any method whatsoever, that goods and services provided by the Enjoined Parties are licensed, sponsored, approved, authorized by, or originate from Plaintiffs or otherwise taking any action likely to cause confusion, mistake, or deception as to the origin, approval, sponsorship or license of such goods or services;

1 d. Committing any acts calculated or likely to cause consumers to
2 believe that the Enjoined Parties' products and services are authorized by
3 Plaintiffs;

4 e. Infringing or diluting, whether directly or indirectly, the
5 distinctive quality of the CCTV Marks or the TVB Marks; and

6 f. Unfairly competing with Plaintiffs in any manner.

7 14. As the Court has personal jurisdiction over Defendants and has
8 concluded that the conduct of Defendants induces infringement of Plaintiffs'
9 Copyrighted Programming in the United States under the copyright laws of the
10 United States and infringes the CCTV Marks and TVB Marks under the trademark
11 laws of the United States, this Permanent Injunction enjoins the conduct of
12 Defendants wherever they may be found.

13 15. Third parties who provide sales, distribution, shipping or logistics
14 services for the TVpad Device or Comparable System, including but not limited to
15 the third party distributors identified in **Exhibit D** hereto, and who receive actual
16 notice of this Order, are immediately and permanently enjoined from distributing,
17 selling, advertising, marketing or promoting any TVpad Device or Comparable
18 System and from providing any other services enjoined in Paragraphs 9, 10 and 13
19 hereinabove.

20 16. Third parties providing web, server and file hosting services, data
21 center and colocation services, and primary and backup storage services (including
22 but not limited to cloud storage services) used in connection with the activities
23 enjoined under Paragraphs 9, 10 and 13 hereinabove, including but not limited to the
24 third parties providing hosting services for the Internet servers identified in **Exhibit**
25 **C** hereto (including but not limited to servers providing streaming video,
26 application files, TVpad Store or Comparable System functionality, and TVpad
27 Device or Comparable System initialization, operation and authentication) and who
28 receive actual notice of this Order, are immediately and permanently enjoined from

1 providing such hosting services to (i) any Enjoined Parties in connection with the
2 activities enjoined under Paragraphs 9, 10 and 13 hereinabove; (ii) any server, IP
3 address, domain name or website used in conjunction with the TVpad Device,
4 Infringing TVpad Apps or any Comparable System; and (iii) the TVpad Websites.

5 17. Third parties providing services used in connection with the activities
6 enjoined under Paragraphs 9, 10 and 13 hereinabove, including but not limited to
7 back-end service providers, service providers routing traffic or providing bandwidth,
8 content delivery networks and domain name server systems (including but not
9 limited to CloudFlare and DNSPod), search-based online advertising services (such
10 as through paid inclusion, paid search results, sponsored search results, sponsored
11 links, and Internet keyword advertising), domain name registration privacy
12 protection services, providers of social media services (including but not limited to
13 Facebook and Twitter), user generated and online content services (including but not
14 limited to YouTube) and data security services (including but not limited to denial-
15 of-service attack prevention, firewall and proxy services), who receive actual notice
16 of this Order are permanently enjoined from providing such services to: (i) any
17 Enjoined Parties in connection with the activities enjoined under Paragraphs 9, 10
18 and 13 hereinabove; (ii) any server, IP address, domain name or website used in
19 conjunction with the TVpad Device, Infringing TVpad Apps or any Comparable
20 System; and (iii) the TVpad Websites.

21 18. The domain name registries (including but not limited to VeriSign, Inc.)
22 and/or registrars holding or listing the domain names itvpad.com, mtvpad.com or
23 tvpadfans.com or one or more of the domain names used in connection with the
24 activities enjoined under Paragraphs 9, 10 and 13 hereinabove (including but not
25 limited to the domain names identified in **Exhibit C** hereto), and who receive actual
26 notice of this Order, shall (1) temporarily disable these domain names, or any subset
27 of these domain names specified by Plaintiffs, through a registry hold or otherwise,
28 and make them inactive and non-transferable; and (2) at the direction of Plaintiffs,

1 transfer these domain names to Plaintiffs' ownership and control, including, *inter*
2 *alia*, by changing the registrar of record to the registrar of Plaintiffs' choosing.

3 19. Service by mail upon Defendants of a copy of this Default Judgment
4 and Permanent Injunction once entered by the Court is deemed sufficient notice to
5 Defendants under Federal Rule of Civil Procedure 65. It shall not be necessary for
6 Defendants to sign any form of acknowledgement of service.

7 20. This Permanent Injunction shall bind the Enjoined Parties. Defendants
8 shall provide a copy of this Permanent Injunction to their officers, agents, servants,
9 employees, attorneys, principals, shareholders, members, current and future
10 administrators or moderators of the any online forums associated with Defendants,
11 the TVpad Device, the TVpad Apps, or Comparable System.

12 21. Violation of this Permanent Injunction shall expose Defendants and all
13 other persons bound by this Permanent Injunction to all applicable penalties,
14 including contempt of Court.

15 22. Within 14 days of the date the Court enters this Permanent Injunction,
16 Defendants shall file and serve a report in writing and under oath setting forth in
17 detail the manner and form with which Defendants have complied with the
18 Permanent Injunction.

19 23. The Court finds there is no just reason for delay in entering this Default
20 Judgment and Permanent Injunction and, pursuant to Fed. R. Civ. P. 54(a), the Court
21 direct immediate entry of this Default Judgment and Permanent Injunction.

22 //

23 //

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numbering

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1 ~~23,24~~. The Court shall retain jurisdiction of this action to entertain such further
2 proceedings and to enter such further orders as may be necessary or appropriate to
3 implement and enforce the provisions of this Default Judgment and Permanent
4 Injunction.


5 IT IS SO ORDERED.





6
7 _____, ~~2016~~ _____

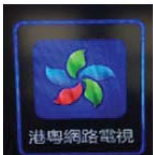



8 _____ ~~2017~~ _____





9 _____
10 Hon. Stephen V. Wilson
11 Judge of the United States District Court
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Exhibit B – Infringing TVpad Apps

	TVpad3	TVpad4
Infringing TVpad App and icon	Plaintiffs' Programming and Mode	Plaintiffs' Programming and Mode
<p>BETV PLUS</p> 		<p>CCTV 1 (live & replay live), CCTV 2 (live), CCTV 3 (live & replay live), CCTV 4 (live & replay live), CCTV6 (live & replay live), CCTV 10 (live), CCTV 11 (live), CCTV12 (live), CCTV13 (live & replay live), CCTV14 (live & replay live)</p>
<p>BETV_HD</p> 	<p>CCTV 1 HD (live), CCTV 5 HD (live)</p>	
<p>BETV II</p> 	<p>CCTV 1 (live & replay live), CCTV 2 (live), CCTV 3 (live & replay live), CCTV 4 (live & replay live), CCTV 5 (live & replay live), CCTV 5+ (live), CCTV6 (live & replay live), CCTV 10 (live), CCTV 11 (live), CCTV12 (live), CCTV13 (live & replay live), CCTV14 (live & replay live), CCTV风云足球 (CCTV fengyun soccer) (live)</p>	

	TVpad3	TVpad4
Infringing TVpad App and icon	Plaintiffs' Programming and Mode	Plaintiffs' Programming and Mode
<p>BETV</p> 	<p>CCTV 1, CCTV 2, CCTV 3, CCTV 4, CCTV 5+, CCTV6, CCTV 10, CCTV 11, CCTV12, CCTV13, CCTV14, CCTV风云足球 (CCTV fengyun soccer) (all live)</p>	
<p>粵海時移 (Yue Hai Shi Yi)</p> 	<p>JADE HD, JADE (both time-shifted by 12 hours)</p>	<p>JADE HD, JADE (both time-shifted by 12 hours)</p>
<p>粵海寬頻 (Yue Hai Kuan Pin)</p> 	<p>JADE HD, JADE HD, J2, JADE, PEARL, iNews (all live)</p>	
<p>粵海寬頻2 (Yue Hai Kuan Pin 2)</p> 	<p>JADE HD, JADE, J2 (Live and replay live) PEARL, iNews (live)</p>	

	TVpad3	TVpad4
Infringing TVpad App and icon	Plaintiffs' Programming and Mode	Plaintiffs' Programming and Mode
<p>港粵網絡電視 (Gang Yue Wang Luo Dian Shi)</p> 	<p>JADE HD, JADE, J2 (live and replay live); PEARL, iNews (live)</p> <p>TVB programs on demand</p>	<p>JADE HD, JADE, J2, PEARL (live and replay live); iNews (live)</p> <p>TVB programs on demand</p>
<p>粵海直播 (Yue Hai Zhi Bo)</p> 	<p>iNews, J2, PEARL, JADE, JADE HD (live)</p>	
<p>516TV</p> 	<p>TVBS (live)</p>	
<p>516網路電視 (516 Online TV)</p> 	<p>CCTV4 (live)</p> <p>TVBS (live)</p>	<p>CCTV4 (live)</p> <p>TVBS (live)</p> <p>TVBS News (live)</p>

	TVpad3	TVpad4
Infringing TVpad App and icon	Plaintiffs' Programming and Mode	Plaintiffs' Programming and Mode
<p>HITV</p> 	JADE HD, J2, JADE, PEARL, iNews (live)	
<p>体育online (Sport Online)</p> 	CCTV 1, CCTV 5, CCTV 5+, CCTV风云足球 (CCTV fengyun soccer) (all live)	CCTV 5, CCTV 5+, CCTV风云足球 (CCTV fengyun soccer), CCTV 高尔夫. 网球 (CCTV Golf/ Tennis) (all live)
<p>港粤快看 (Gang Yue Kuai Kan)</p> 	TVB programs on demand	
<p>港台武侠(Gang Tai Wu Xia)</p> 	TVB programs on demand	TVB programs on demand

<u>Infringing blueTV App and icon</u>	<u>Plaintiffs' Programming and Mode</u>
<u>Storm TV</u> 	<u>CCTV 1, CCTV 3, CCTV 4, CCTV 5, CCTV 5+, CCTV 云足球 (CCTV fengyun soccer), CCTV 6, CCTV 11, CCTV 12, CCTV 13, CCTV 14 (Live, Replay Live, VOD)</u> <u>JADE, JADE HD, J2, J5, Pearl, iNews (Live, Replay Live and VOD)</u>
<u>Storm TV Chinese interface</u> 	<u>CCTV 1, CCTV 3, CCTV 4, CCTV 5, CCTV 5+, CCTV 云足球 (CCTV fengyun soccer), CCTV 6, CCTV 11, CCTV 12, CCTV 13, CCTV 14 (Live, Replay Live and VOD)</u> <u>JADE, JADE HD, J2, J5, Pearl, iNews (Live, Replay Live, VOD)</u>

EXHIBIT C

Exhibit C - TVpad Server IP Addresses and Domain Names

Host	IP address	Date of detection	Domain Name	Function
ClearDDoS Technologies Los Angeles, California	103.240.140.142	September 3, 2015	xz.boxepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.71	September 3, 2015	xzsec.boxepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.65	September 3, 2015	xzsec.padepg.com	Initialization TVpad3 Operational Content
Defender cloud international Los Angeles, California	23.234.42.72	September 3, 2015	xzsec.listebox.com	Initialization TVpad3 Operational Content
Perfect International, Inc Los Angeles, California	70.36.96.245	September 3, 2015	stbepg.wsxlist.com	TVpad3 Authentication
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	stbepg.qaxlist.com	TVpad4 Authentication
Defender cloud international Los Angeles, California	23.234.41.173	September 3, 2015		Streaming Video
ClearDDoS Technologies Los Angeles, California	104.193.92.42	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.101	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.39	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.167.81.51	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.188.195	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.26	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.188.194	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.9.243	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.172.19	September 3, 2015		Streaming Video

Exhibit C - TVpad Server IP Addresses and Domain Names

CloudDDoS Technologies San Jose, California	45.61.239.33	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.82	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.181.227	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	170.178.182.3	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.4.227	September 3, 2015		Streaming Video
Sharktech Los Angeles, California	107.167.18.227	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.74	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.19	September 3, 2015		Streaming Video
ClearDDoS Technologies Los Angeles, California	162.221.13.98	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.89.100.59	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	45.61.239.75	September 3, 2015		Streaming Video
ZeroDDOS Los Angeles, California	104.201.61.3	September 3, 2015		Streaming Video
ZeroDDOS Los Angeles, California	167.88.205.116	September 3, 2015		Streaming Video
Cloudflare	104.20.4.235	September 3, 2015		Streaming Video
Defender cloud international Los Angeles, California	23.234.41.171	September 3, 2015		Streaming Video
Enzu Los Angeles, California	104.202.82.178	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	98.126.0.98	September 3, 2015		Streaming Video
Enzu Los Angeles, California	107.183.113.242	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.245.73.18	September 3, 2015		Streaming Video

Exhibit C - TVpad Server IP Addresses and Domain Names

Krypt Technologies Los Angeles, California	98.126.4.194	September 3, 2015		Streaming Video
Enzu Los Angeles, California	23.89.185.2	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	174.139.162.50	September 3, 2015		Streaming Video
Krypt Technologies Los Angeles, California	174.139.83.4	September 3, 2015		Streaming Video
Enzu Los Angeles, California	107.183.246.226	September 3, 2015		Streaming Video
CloudDDoS Technologies San Jose, California	104.171.230.86	September 3, 2015		Streaming Video
Cloudflare (res.sinohao.com.cdn.cloudflare.net)	104.20.4.235 104.20.5.235 104.20.7.235 104.20.8.235	September 3, 2015		TVpad Store Menus/Graphics Infringing Apps
ClearDDoS Technologies Los Angeles, California	104.193.92.29	September 3, 2015	cmsres.wsxlist.com	TVpad Store Menus/ Graphics Infringing Apps
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	bi4.wsxlist.com	TVpad4 Store Menus/Graphics
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	btvstb.xqlzoy.com	TVpad4 Store Menus/Graphics
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	stbepg.qaxlist.com	TVpad4 Store Menus/Graphics
ZeroDDOS Los Angeles, California	167.88.196.51	September 3, 2015	res.qaxlist.com	TVpad Operational Content
Enzu Los Angeles, California	23.245.203.54	September 3, 2015	sepg.qaxlist.com	TVpad Operational Content Infringing Apps' Program Guides
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	ykhpliv.tvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	gqfc.liv.tvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	fc.liv.tvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	yhsy.liv.tvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	dlgq.liv.tvpad.com	TVpad3 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.15.79	September 3, 2015	sports.liv.tvpad.com	TVpad3 Operational Content

Exhibit C - TVpad Server IP Addresses and Domain Names

PEER 1 Network Inc Santa Ana, CA	107.6.45.86	September 3, 2015	bsap.wsxlist.com	TVpad3 Operational Content
Krypt Technologies Los Angeles, California	174.139.233.3	September 3, 2015	tytuepg.wsxlist.com	TVpad3 Operational Content
Nobis Technology Seattle, Washington	23.19.131.19	September 3, 2015	force2009web.net	TVpad3 Operational Content
LimeStone Networks Dallas, Texas	63.143.43.171	September 3, 2015	vistv.plbegy.com	TVpad4 Operational Content
ClearDDoS Technologies Los Angeles, California	162.221.12.143	September 3, 2015	gyyyer.plbegy.com	TVpad4 Operational Content
Hostspace Networks Los Angeles, California	198.44.250.177	September 3, 2015	mhleve.oyhrtp.com	TVpad4 Operational Content
LimeStone Networks Dallas, Texas	74.63.227.30	September 3, 2015	npxyz.prsolive.com	TVpad4 Operational Content
Hostspace Networks Los Angeles, California	23.234.51.152	September 3, 2015	canpic.vdese.com	VOD Thumbnail graphics
Hostspace Networks	162.211.182.49	December 14, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.71	December 14, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.65	November 25, 2014		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.72	December 14, 2014		DNS Lookup TVpad Operational Content
ClearDDoS Technologies	104.193.92.29	January 30, 2015		TVpad Authorization
Defender cloud international	23.234.42.67	January 30, 2015		TVpad Authorization
ClearDDoS Technologies	23.234.42.66	November 25, 2014		TVpad Store Menus/Graphics
Datashack	198.204.242.5	November 25, 2014		TVpad Store Menus/ Graphics Infringing Apps
ClearDDoS Technologies	103.240.140.149	January 30, 2015		TVpad4 Store Menus/Graphics
CloudDDOS	168.235.240.115	January 30, 2015		TVpad Operational Content
Sharktech	107.167.14.146	November 25, 2014		TVpad Operational Content
CloudDDOS	168.235.240.115	January 30, 2015		TVpad Operational Content Infringing Apps' Program Guides

Exhibit C - TVpad Server IP Addresses and Domain Names

Defender cloud international	23.234.40.235	November 25, 2014		TVpad Operational Content
China Telecom	23.234.40.235	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Hostspace Networks	162.211.182.173	November 25, 2014		TVpad Operational Content
Nobis Technology	23.105.74.107	November 25, 2014		TVpad Operational Content
Enzu	23.88.131.131	January 30, 2015		TVpad4 Operational Content
Protected by Cloudflare Location unknown	104.28.24.55	January 30, 2015		TVpad4 Operational Content
Sharktech	107.167.7.34	January 30, 2015		TVpad4 Operational Content
Chinanet China	61.174.48.109	January 30, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.13.44	January 30, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	January 30, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	January 30, 2015		TVpad4 Operational Content
Sharktech	107.167.15.67	November 25, 2014		VOD Thumbnail graphics
ClearDDoS Technologies	103.240.140.142	June 24, 2015		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.71	June 24, 2015		DNS Lookup TVpad Operational Content
Defender cloud international	23.234.42.65	June 24, 2015		DNS Lookup TVpad Operational Content

Exhibit C - TVpad Server IP Addresses and Domain Names

Defender cloud international	23.234.42.72	June 24, 2015		DNS Lookup TVpad Operational Content
ClearDDoS Technologies	104.193.92.29	June 24, 2015		TVpad Authorization
Defender cloud international	23.234.42.67	June 24, 2015		TVpad Authorization
Sharktech	107.167.14.141	June 24, 2015		TVpad Store Menus/Graphics
ClearDDoS Technologies	104.193.92.8	June 24, 2015		TVpad Store Menus/ Graphics Infringing Apps
Enzu	23.245.203.53	June 24, 2015		TVpad4 Store Menus/Graphics
Hostspace Networks	162.211.182.173	June 24, 2015		TVpad Operational Content
Sharktech	107.167.14.140	June 24, 2015		TVpad Operational Content Infringing Apps' Program Guides
Defender cloud international	23.234.40.235	June 24, 2015		TVpad Operational Content
Defender cloud international	23.234.40.235	June 24, 2015		TVpad Operational Content
Cloud-CN	103.232.215.133	June 24, 2015		TVpad Operational Content
Cloud-CN	103.232.215.133	June 24, 2015		TVpad Operational Content
Nobis Technology	23.105.74.107	June 24, 2015		TVpad Operational Content
Hostspace Networks	23.234.51.85	June 24, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.12.143	June 24, 2015		TVpad4 Operational Content
Chinanet China	61.174.48.109	June 24, 2015		TVpad4 Operational Content
ClearDDoS Technologies	162.221.13.44	June 24, 2015		TVpad4 Operational Content
Gorilla Servers	146.71.102.90	June 24, 2015		TVpad4 Operational Content
Hostspace Networks	162.211.182.173	June 24, 2015		TVpad4 Operational Content

Exhibit C - TVpad Server IP Addresses and Domain Names

CloudDDOS	168.235.240.115	June 24, 2015		VOD Thumbnail graphics
Enzu	104.151.28.194	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.30	January 30, 2015		Streaming Video
Enzu	23.89.39.194	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.240.149	January 30, 2015		Streaming Video
Clearddos Technologies	104.193.92.111	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Clearddos Technologies	162.221.12.41	January 30, 2015		Streaming Video
Clearddos Technologies	104.193.92.60	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Esited	104.171.230.23	January 30, 2015		Streaming Video
Esited	104.171.230.16	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.240.65	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.10	January 30, 2015		Streaming Video
Clearddos Technologies	23.234.41.9	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.30	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.240.149	January 23, 2015		Streaming Video
ClearDDoS Technologies	104.193.92.111	January 23, 2015		Streaming Video
Esited	192.225.233.202	January 23, 2015		Streaming Video
Enzu	104.151.28.194	January 23, 2015		Streaming Video
Enzu	199.48.69.146	January 23, 2015		Streaming Video
Enzu	23.89.39.194	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.70	January 23, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.70	January 23, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 23, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 23, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 30, 2015		Streaming Video
Krypt Technologies	67.198.192.3	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Cloudddos Technology	104.171.230.72	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video

Exhibit C - TVpad Server IP Addresses and Domain Names

Cloudddos Technology	104.171.230.72	January 30, 2015		Streaming Video
Clearddos Technologies	162.221.12.215	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.60	January 30, 2015		Streaming Video
Krypt Technologies	98.126.14.26	January 30, 2015		Streaming Video
Cloudddos Technology	168.235.241.77	January 30, 2015		Streaming Video
Leaseweb	162.210.198.179	January 30, 2015		Streaming Video
Krypt Technologies	67.198.192.3	January 30, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.12	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.173	June 25, 2015		Streaming Video
ClearDDOS	104.193.92.62	June 25, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 25, 2015		Streaming Video
Sharktech	107.167.15.100	June 25, 2015		Streaming Video
CloudDDOS	104.171.230.32	June 25, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 25, 2015		Streaming Video
CloudDDOS	168.235.241.12	June 25, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 25, 2015		Streaming Video
CloudDDOS	104.171.230.25	June 25, 2015		Streaming Video
Defender cloud international	23.234.41.14	June 25, 2015		Streaming Video
Enzu	107.183.236.115	June 23-25, 2015		Streaming Video
Krypt Technologies	67.198.192.3	June 23-25, 2015		Streaming Video
CloudDDOS	104.171.230.87	June 24-25, 2015		Streaming Video
Krypt Technologies	174.139.162.52	June 24-25, 2015		Streaming Video
CloudDDOS	104.171.230.25	June 26, 2015		Streaming Video
Defender cloud international	23.234.41.14	June 26, 2015		Streaming Video
CloudDDOS	104.171.230.32	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.79	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.173	June 26, 2015		Streaming Video
ZERO DDOS LLC	104.167.81.52	June 26, 2015		Streaming Video
Krypt Technologies	174.139.83.4	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.115	June 26, 2015		Streaming Video
Krypt Technologies	67.198.192.3	June 26, 2015		Streaming Video
Krypt Technologies	98.126.4.194	June 26, 2015		Streaming Video
Krypt Technologies	98.126.14.27	June 26, 2015		Streaming Video
Hostspace Networks	162.211.182.173	June 26, 2015		TVpad 3 Operational Content
ClearDDoS Technologies	162.221.15.179	June 26, 2015		TVpad 3 Operational Content
Sharktech	208.98.26.130	June 26, 2015		TVpad 3 Operational Content

Exhibit C - TVpad Server IP Addresses and Domain Names

Hostspace Networks	162.211.182.166	June 26, 2015		TVpad3 Operational Content
Enzu	198.56.193.123	June 26, 2015		Streaming Video
ZERO DDOS LLC	167.88.195.51	June 26, 2015		Streaming Video
Sharktech	104.171.230.3	June 26, 2015		Streaming Video
Enzu	23.89.197.35	June 26, 2015		Streaming Video
Krypt Technologies	67.198.158.171	June 26, 2015		Streaming Video
SolidTools	198.40.56.19	June 26, 2015		Streaming Video
CloudDDOS	168.235.240.20	June 26, 2015		Streaming Video
C3 Networks	206.226.64.44	October 14, 2015		Streaming Video
C3 Networks	206.226.64.179	October 14, 2015		Streaming Video
C3 Networks	107.151.129.22	October 14, 2015		Streaming Video
C3 Networks	107.151.131.5	October 14, 2015		Streaming Video
C3 Networks	107.151.28.205	October 14, 2015		Streaming Video
C3 Networks	107.155.8.40	October 14, 2015		Streaming Video
C3 Networks	107.155.5.42	October 14, 2015		Streaming Video
C3 Networks	107.151.128.54	October 14, 2015		Streaming Video
C3 Networks	107.151.146.14	October 14, 2015		Streaming Video
C3 Networks	107.151.128.102	October 14, 2015		Streaming Video
C3 Networks	107.151.128.114	October 14, 2015		Streaming Video
C3 Networks	107.151.128.98	October 14, 2015		Streaming Video
C3 Networks	107.151.131.134	October 21, 2015		Streaming Video
Hostspace	192.126.116.213	October 21, 2015		TVpad Operational Content
Sharktech	104.37.247.147	October 21, 2015	xz.boxepg.com	DNS Lookup TVpad Operational Content
Sharktech	208.98.42.195	October 15, 2015	bi4.wsxlist.com stbepg.qaxlist.com	TVpad Operational Content
Sharktech	174.128.243.36	October 15, 2015	btvstb.xqlzoy.com	Streaming Video
Limestone Networks	63.143.43.171	October 15, 2015	vistv.plbegy.com	TVpad Operational Content
ZBUSA	192.225.233.60	October 14, 2015		TVpad Operational Content
Perfect International	70.36.96.245	October 15, 2015	stbepg.wsxlist.com cmsres.wsxlist.com	TVpad Operational Content
Enzu	104.171.230.102	October 21, 2015		Streaming Video
Enzu	104.171.230.79	October 21, 2015		Streaming Video
Enzu	104.171.230.74	October 21, 2015		Streaming Video
Enzu	107.155.5.42	October 21, 2015		Streaming Video
Enzu	23.244.42.226	October 21, 2015		Streaming Video
Enzu	104.167.81.52	October 21, 2015		Streaming Video
Enzu	23.244.84.226	October 21, 2015		Streaming Video
Enzu	23.89.197.34	October 21, 2015		Streaming Video

Exhibit C - TVpad Server IP Addresses and Domain Names

Enzu	104.183.113.245	October 15, 2015		Streaming Video
Enzu	104.151.28.205	October 15, 2015		Streaming Video
Enzu	104.171.230.92	October 15, 2015		Streaming Video
Enzu	107.183.246.229	October 15, 2015		Streaming Video
Krypt	98.126.0.102	October 15, 2015		Streaming Video
Krypt	98.126.4.198	October 15, 2015		Streaming Video
Krypt	67.198.128.30	October 15, 2015		Streaming Video
Leaseweb	207.244.83.48	October 15, 2015		Streaming Video
Enzu	104.202.82.182	October 15, 2015		Streaming Video
Enzu	107.183.113.246	October 15, 2015		Streaming Video
Enzu	107.183.236.118	October 15, 2015		Streaming Video
Enzu	23.244.76.190	October 15, 2015		Streaming Video
Enzu	199.48.69.142	October 15, 2015		Streaming Video
Enzu	107.183.246.118	October 15, 2015		Streaming Video
Enzu	23.89.185.6	October 15, 2015		Streaming Video
Enzu	104.151.28.206	October 15, 2015		Streaming Video
Enzu	23.88.126.14	October 15, 2015		Streaming Video
Enzu	107.183.246.230	October 15, 2015		Streaming Video
Enzu	23.244.76.189	October 15, 2015		Streaming Video
Enzu	23.244.82.102	October 15, 2015		Streaming Video
Enzu	107.183.246.117	October 15, 2015		Streaming Video
Enzu	23.234.51.153	October 15, 2015		Streaming Video
Enzu	23.234.51.193	October 15, 2015		Streaming Video
Enzu	23.244.76.186	October 15, 2015		Streaming Video
Enzu	199.48.69.138	October 15, 2015		Streaming Video
Enzu	23.88.126.10	October 15, 2015		Streaming Video
Enzu	104.151.28.202	October 15, 2015		Streaming Video
Enzu	107.183.246.114	October 15, 2015		Streaming Video
Enzu	107.183.236.114	October 15, 2015		Streaming Video
Tzulo	206.226.64.44	October 14, 2015		Streaming Video
Tzulo	206.226.64.179	October 14, 2015		Streaming Video
C3 Networks / Zenlayer	107.151.129.77	February 9, 2016	epg.qazlist.com	TVpad Operational Content
Limestone Networks	63.143.43.170	February 9, 2016	tmwk.ukshix.com	TVpad Operational Content
Cloudflare	104.24.126.11	February 9, 2016	res.kkpsge.es	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.18	February 9, 2016	res.qazlist.com	TVpad Operational Content
OVH Hosting	167.114.100.171	February 9, 2016		TVpad Operational Content
Amazon	52.8.86.95	February 9, 2016		TVpad Operational Content
Amazon	54.67.50.87	February 9, 2016		TVpad Operational Content
ClearDDoS	162.221.13.139	February 9, 2016		TVpad Operational Content

Exhibit C - TVpad Server IP Addresses and Domain Names

Hosting Solutions International	209.239.123.16	February 9, 2016		TVpad Operational Content
C3 Networks / Zenlayer	107.151.136.46	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.136.62	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.136.78	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.160.32	February 9, 2016		Streaming Video
Enzu	107.183.246.230	February 9, 2016		Streaming Video
Enzu	23.88.29.222	February 9, 2016		Streaming Video
Enzu	23.88.117.214	February 9, 2016		Streaming Video
Enzu	23.236.123.38	February 9, 2016		Streaming Video
Enzu	23.244.84.27	February 9, 2016		Streaming Video
Enzu	104.171.230.127	February 9, 2016		Streaming Video
Enzu	104.171.230.92	February 9, 2016		Streaming Video
ClearDDoS	162.221.13.139	February 9, 2016		Streaming Video
ClearDDoS	162.221.12.54	February 9, 2016		Streaming Video
Enzu	199.231.208.242	February 9, 2016	pydjasm.soppp.net	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.18	February 9, 2016	res.qazlist.com	TVpad Operational Content
C3 Networks / Zenlayer	107.151.129.77	February 9, 2016	epg.qazlist.com	TVpad Operational Content
Cloudflare	104.24.127.11	February 9, 2016	res.kkpsg.es	TVpad Operational Content
Cloudflare	104.24.126.11	February 9, 2016	res.kkpsg.es	TVpad Store Menus/Graphics Infringing Apps
ClearDDoS	162.221.13.44	February 9, 2016	psle.ukshix.com	TVpad Operational Content
ClearDDoS	162.221.12.143	February 9, 2016	mhleve.oyhrtp.com	TVpad Operational Content
Limestone Networks	63.143.43.170	February 9, 2016	tmwk.ukshix.com	TVpad Operational Content
CLOUDDDOS	45.61.239.11	February 9, 2016	ngdvc.gvplayer.com	TVpad Operational Content
HOSTSPACE NETWORKS	192.126.116.213	February 9, 2016	vistv.plbegy.com	TVpad Operational Content
China Unicom Guangdong	112.90.22.156	February 9, 2016	soreq.soppp.net	TVpad Operational Content
Amazon	52.32.186.81	February 9, 2016		TVpad Operational Content
CLOUDDDOS	45.61.29.11	January 25, 2016	poxy.lighope.top	TVpad Operational Content
Nobis	23.81.180.58	February 11, 2016	download.qabao.com	App download
Henderson Data Centre (HK)	49.213.10.163	January 25, 2016		DNS Lookup
Limestone Networks	63.143.43.174	February 9, 2016	cibn.cngvnet.com	TVpad Operational Content
Limestone Networks	69.162.119.190	February 9, 2016	cn1video.cngvnet.com	TVpad Operational Content
Enzu	23.244.43.235	February 9, 2016	sepg.tgstblist.com	TVpad Operational Content
Enzu	23.244.43.238	February 9, 2016	epg.ccohi.nz	TVpad Operational Content

Exhibit C - TVpad Server IP Addresses and Domain Names

ClearDDoS	104.193.92.32	February 9, 2016	bsap.qkmfe.es	TVpad Operational Content
ClearDDoS	162.221.12.143	February 9, 2016	poxxy.plbegy.com	TVpad Operational Content
Sharktech	104.37.247.140	February 9, 2016	xzsec.wsxepg.com xzsec.rfvstb.com	TVpad Operational Content
Sharktech	208.98.42.200	February 9, 2016	xzsec.tepgstb.com	TVpad Operational Content
HOSTSPACE NETWORKS	23.234.13.32	February 9, 2016	bi.yoyub.es	TVpad Operational Content
HOSTSPACE NETWORKS	23.234.51.192	February 9, 2016	stbepg.stblist.es	TVpad Operational Content
HOSTSPACE NETWORKS	192.126.116.213	February 9, 2016	gyyyer.plbegy.com	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.34	February 9, 2016	adepg.dzjmd.nz	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.33	February 9, 2016	asepg.xqlzoy.nz	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.31	February 9, 2016	xz.tgblist.com	TVpad Operational Content
C3 Networks / Zenlayer	23.236.123.35	February 9, 2016	btvstb.hzxzbox.com	TVpad Operational Content
Sourceforge	216.34.181.59	February 9, 2016		TVpad Operational Content
Sourceforge	216.34.181.60	February 9, 2016		TVpad Operational Content
Cloudflare	104.24.127.11	February 9, 2016	res.kkpsg.es	Streaming Video / TVpad Store Menus/Graphics Infringing Apps
Cloudflare	104.24.126.11	February 9, 2016	res.kkpsg.es	Streaming Video / TVpad Store Menus/Graphics Infringing Apps
Enzu	23.88.69.26	February 9, 2016		Streaming Video
Enzu	23.88.69.23	February 9, 2016		Streaming Video
Enzu	104.202.31.139	February 9, 2016		Streaming Video
Enzu	104.151.25.61	February 9, 2016		Streaming Video
Enzu	172.246.237.6	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	23.236.123.10	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	23.236.123.43	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.131.54	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.131.166	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.131.133	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.146.12	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.151.129.94	February 9, 2016		Streaming Video
C3 Networks / Zenlayer	107.155.5.137	February 9, 2016		Streaming Video

Exhibit C - TVpad Server IP Addresses and Domain Names

CloudDDOS	45.61.239.52	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.19	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.26	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.136	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.122	February 9, 2016		Streaming Video
CloudDDOS	45.61.239.180	February 9, 2016		Streaming Video
CloudDDOS	104.171.230.50	February 9, 2016		Streaming Video
CloudDDOS	104.171.230.102	February 9, 2016		Streaming Video
CloudDDOS	104.171.230.3	February 9, 2016		Streaming Video
HOSTSPACE NETWORKS	23.234.13.27	February 9, 2016		Streaming Video
HOSTSPACE NETWORKS	23.234.51.179	February 9, 2016		Streaming Video
Hostkey/Mir Network	141.105.65.146	February 9, 2016		Streaming Video
Hostkey/Mir Network	141.105.65.148	February 9, 2016		Streaming Video
Hostkey	5.39.216.124	February 9, 2016		Streaming Video
Voxility	5.254.104.22	February 9, 2016		Streaming Video

TVpad4 IP Addresses and Domain Names

<u>Host</u>	<u>IP address</u>	<u>Date of detection</u>	<u>Domain Name</u>	<u>Function</u>
<u>TVpad4 connected through a US IP address</u>				
<u>Alibaba (Hong Kong)</u>	<u>47.90.105.42</u>	<u>April 14, 2017</u>	<u>appepg.lpvlj.nz</u>	<u>TVpad4 Authentication</u>
<u>Enzu (US)</u>	<u>23.244.43.236</u>	<u>April 14, 2017</u>	<u>xml.wwwcd.es</u>	<u>TVpad4 Operational Content</u>
<u>Cloudflare (US)</u>	<u>104.27.153.76</u>	<u>April 14, 2017</u>	<u>res.blhnh.nz</u>	<u>TVpad4 Operational Content</u>
<u>eNom (US)</u>	<u>69.64.147.242</u>	<u>April 14, 2017</u>	<u>res.kkpsg.es</u>	<u>TVpad4 Operational Content</u>
<u>AZURE TECHNOLOGY (US)</u>	<u>45.61.239.11</u>	<u>April 14, 2017</u>	<u>poxi.thryee.es</u>	<u>TVpad4 Operational Content</u>
<u>Defender Network (US)</u>	<u>23.234.13.27</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>AZURE TECHNOLOGY (US)</u>	<u>45.61.239.33</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>AZURE TECHNOLOGY (US)</u>	<u>104.171.230.80</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>AZURE TECHNOLOGY (US)</u>	<u>104.171.230.102</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>AZURE TECHNOLOGY (US)</u>	<u>45.61.239.122</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>AZURE TECHNOLOGY (US)</u>	<u>104.171.230.3</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>AZURE TECHNOLOGY (US)</u>	<u>45.61.239.180</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>23.236.123.39</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>107.151.128.172</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>107.155.5.136</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>23.236.123.53</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>107.151.129.45</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>

<u>Host</u>	<u>IP address</u>	<u>Date of detection</u>	<u>Domain Name</u>	<u>Function</u>
<u>Zenlayer (US)</u>	<u>107.151.129.22</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>HostSpace (US)</u>	<u>23.234.51.208</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>HostSpace (US)</u>	<u>23.234.13.40</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>HostSpace (US)</u>	<u>23.234.51.105</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>ZERO DDOS (US)</u>	<u>104.167.81.53</u>	<u>April 14, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>

blueTV Server IP Addresses and Domain Names

<u>Host</u>	<u>IP address</u>	<u>Date of detection</u>	<u>Domain Name</u>	<u>Function</u>
<u>blueTV connected through a US IP address</u>				
<u>Nobis Technology (US)</u>	<u>23.81.180.59</u>	<u>April 4, 2017</u>	<u>stbepg.adynd.top</u>	<u>blueTV Authentication</u>
<u>Cloudflare</u>	<u>104.31.84.32</u>	<u>April 4, 2017</u>	<u>djres.grgog.top</u>	<u>blueTV apps store/download</u>
<u>Enzu (US)</u>	<u>23.244.43.238</u>	<u>April 4, 2017</u>	<u>bi.ugddb.nz</u>	<u>blueTV Operational Content</u>
<u>Enzu (US)</u>	<u>23.244.76.2</u>	<u>April 4, 2017</u>	<u>poxy.blueseae.top</u>	<u>blueTV Operational Content</u>
<u>Zenlayer (US)</u>	<u>107.151.136.130</u>	<u>April 4, 2017</u>	<u>poxy.hrsnos.com</u>	<u>blueTV Operational Content</u>
<u>Nobis Technology (US)</u>	<u>23.81.180.62</u>	<u>April 4, 2017</u>	<u>xml.edijv.top</u>	<u>blueTV Operational Content</u>
<u>Nobis Technology (US)</u>	<u>23.81.180.61</u>	<u>April 4, 2017</u>	<u>appepg2.appepg.es xz.yhnbox.com</u>	<u>blueTV Operational Content</u>
<u>Cloudflare</u>	<u>104.31.84.109</u>	<u>April 4, 2017</u>	<u>res.kkpsg.es</u>	<u>blueTV Operational Content</u>
<u>Cloudflare</u>	<u>104.28.8.33</u>	<u>April 4, 2017</u>	<u>res.pxhdy.top</u>	<u>blueTV Operational Content</u>
<u>Clear DDOS (US)</u>	<u>104.193.92.6</u>	<u>April 4, 2017</u>	<u>cnpic.hhnff.top</u>	<u>blueTV Operational Content</u>
<u>Defender Network (US)</u>	<u>23.234.13.22</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Defender Network (US)</u>	<u>23.234.51.96</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Clear DDOS (US)</u>	<u>162.221.12.64</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Azure Tech (US)</u>	<u>104.171.230.15</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Azure Tech (US)</u>	<u>45.61.239.141</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>107.151.128.38</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>107.151.136.131</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>
<u>Zenlayer (US)</u>	<u>107.151.128.108</u>	<u>April 4, 2017</u>		<u>Live, Replay Live and VOD Streaming Video</u>